CIRH SERIES

(MIL-C-5015 STYLE)

Modular Bayonet Lock Connector

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HALOGEN FREE BAYONET LOCK CONNECTOR SERIES

The Connectors for Industrial Range (CIR) (H - halogen free) is based on the products covered by the American MilC-5015 and the German VG95234 specifications. These connectors are used extensively throughout the mass transportation, entertainment and general industrial markets.

CIRH connectors are interchangeable with all corresponding types and feature contact arrangements from Mil-STD-1651. Positive coupling is indicated by an audible 'snap' and by the alignment of three coloured dots on the receptacle and on the coupling nut of the plug connector.

To enhance service life in applications where the connectors are likely to experience severe vibration or repeated mating, CIRH connectors feature stainless steel anti-wear pins at the critical point of the receptacle coupling ramps.

In response to safety and environmental requirements, CIRH connectors have as standard, low fire hazard/halogen free rubber insulators which have been independently tested and shown to conform with the requirements of European specification EN 45545-2 (HL3, R22/R23), French specification NF F 16-101 classification 12 F1 and to British specification BS 6853 app. A clause A.9 and app. B clause B.5.1. Connector shells can also be supplied with cadmium free plating finishes.

Protection against water and dust ingress is provided by the use of a dynamic seal ring under the coupling nut and by an individual wire seal grommet at the rear of the connector. A wavy washer assembly, also under the coupling nut and a comprehensive range of back shells and accessories, ensure excellent continuity and shielding characteristics between mated connectors where the effects of EMI and RFI must be eliminated.

CONTENTS

Standard Data

Materials:

Connector metalwork:	Aluminium alloy
Insulator, grommet & bushing:	Low Fire Hazard, rubber
Contacts:	Copper alloy
Accessory hardware:	Aluminium alloy

Standard Plating Finishes:

Aluminium parts:	Olive drab chromate over zinc cobalt or Olive drab chromate over cadmium plate.*
Contacts:	Silver or Gold.

* Consult TE for alternative finishes.

Environmental Ratings:

Temperature range:	-55°C to + 200°C
Shock severity:	75g
Vibration:	5-500 Hz long endurance. 30 hour test at 10g.
Acceleration:	50g

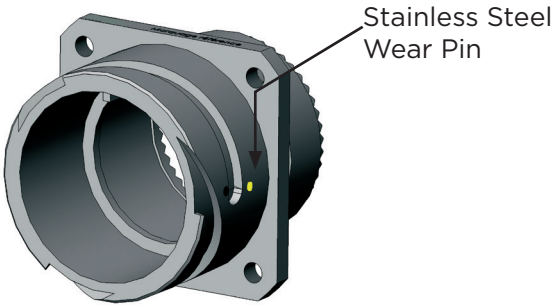
Mechanical Features:

Coupling:	3 pin bayonet.
Number of contacts:	2 to 85
Contact termination:	Crimp or p.c. tail.
Sealing:	Dynamic sealing ring & individual wire seal grommet. When mated and used with appropriate sealed backshell, IP67 rated.
Matings:	2000.

CIRH Connectors:

CIRH connectors feature stainless steel pins at critical wear points of the cam tracks of all receptacle shells, to protect from wear inflicted by continuous mating/de-mating and vibration.

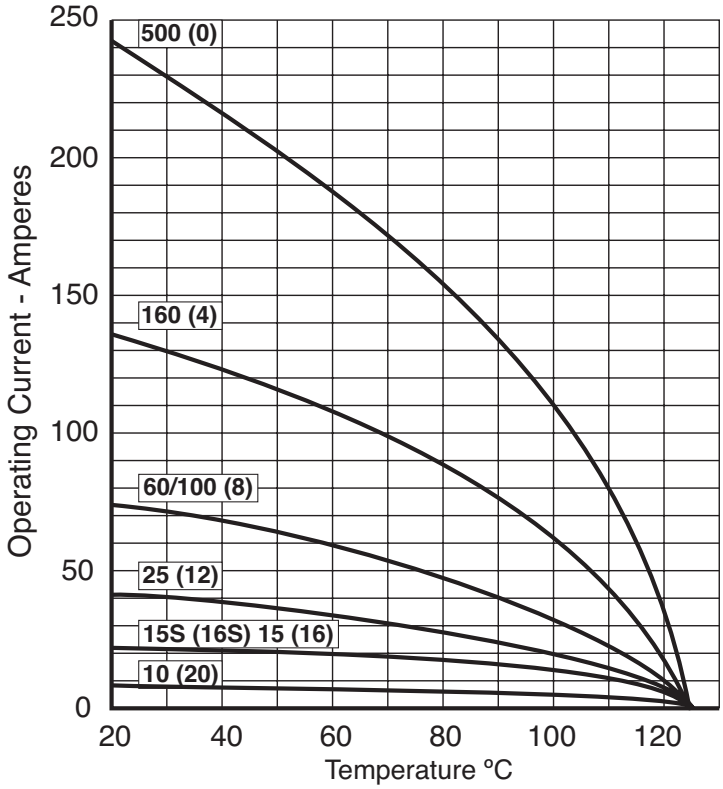
Note: The company reserves the right and may change or vary specification without prior written notice.



Contact Current Ratings

Contact Size AWG	Contact Size Metric	*Maximum Current @ 20°C (68°F)	* Rated Current @ 85°C (185°F)	** De-rated Current @ 85°C (185°F)
16/16S	15/15S	22A	13A	10A
12	25	41A	23A	20A
8	100	73A	46A	42A
4	160	135A	80A	75A
0	500	245A	150A	135A

Contact Current De-Rating Curve



Contact Arrangement Service Ratings

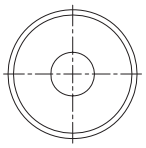
Service Rating	Inst.	A	D	E
Working Voltage DC or AC Peak	350 V	700 V	1,250 V	1,750 V
Voltage Proof AC RMS	1,000 V	2,000 V	2,800 V	3,500 V
Minimum Flashover AC RMS	1,400 V	2,800 V	3,600V	4,500 V

PART NUMBER EXPLANATION

CIRH	06	F	28	21	P	C	N	F80	**	**
Series Prefix	Shell Style	Accessory Type	Shell Size	Contact Arrangement	Contact Type	Contact Termination	Insert Orientation	Contact Style	Modification Code	Contact Supply

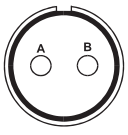
Series Prefix:	CIRH	Low Fire Hazard
Shell Style:	00	4 Hole Square flange receptacle, front panel mounted.
	01	Cable mounted receptacle.
	03	4 Hole Square flange receptacle, rear panel mounted.
	06	Plug. No RFI grounding.
	P06	Plug, rubber covered coupling nut. No RFI grounding.
	SE06	Plug with RFI grounding.
	07	Through bulkhead receptacle
	08	Plug with 90° angle outlet. No RFI grounding.
	SE08	Plug with 90° angle outlet. RFI grounding.
	09	Single hole mounted receptacle.
Accessory Type:		See relevant catalogue pages.
Shell Size:	10SL– 49.	
Contact Arrangement:	See pages 5 - 22	
Contact Type:	P = Pin, S = Socket, H pin/socket assembly for bulkhead connector 07.	
Contact Termination:	C crimp removeable, (except for style 07 no designation in part number).	
Insert orientation:	N normal, WXYZ alternative insert positions. See pages 25 & 26	
Contact style:	F80	
Modification Code:	**M11** Zinc Colbalt Plating with Green passivate finish	
	M32 Zinc Colbalt Plating with Black passivate finish	
	M14 Zinc Colbalt Plating with Black passivate finish and tapped mounting holes	
	M35 Zinc Colbalt Plating with Green passivate finish and tapped mounting holes	
	Others Consult TE	
Contact Supply:	Leave blank for connectors supplied with silver contacts **P3** for gold contacts. **V0** for connectors supplied without contacts.	

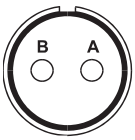
1 Contact

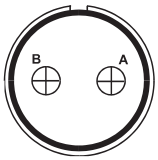


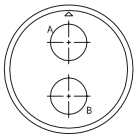
Contact Arrangement	22-7
No. Contacts x Size AWG (Metric)	1 x #0 (100)

2 Contacts

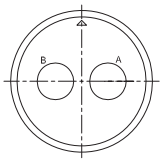


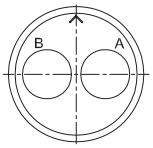


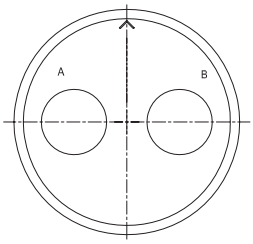


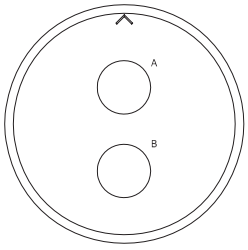


Contact Arrangement	10SL-4	14S-9	18-3	20-23
No. Contacts x Size AWG (Metric)	2 x #16S (15S)	2 x #16S (15S)	2 x #12 (25)	2 x #0 (100)
Service Rating	A	A	D	A





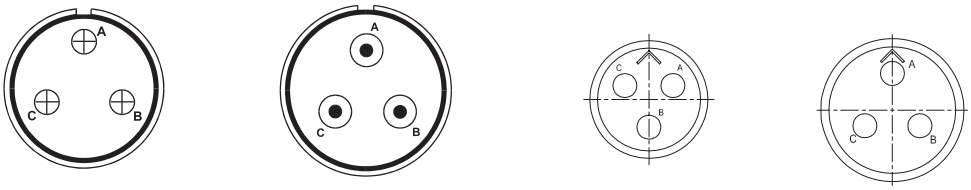




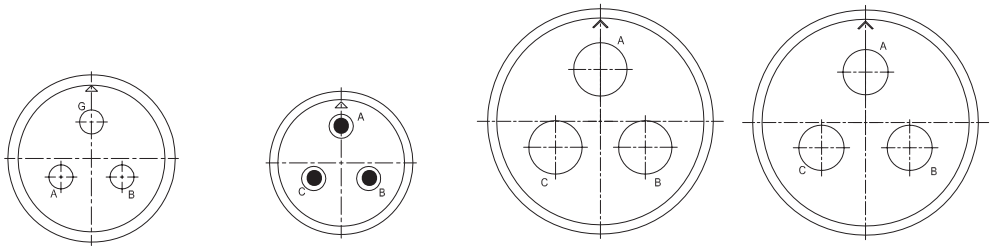
Contact Arrangement	22-1	24-9	28-T2	32-5
No. Contacts x Size AWG (Metric)	2 x #8 (100)	2 x #4 (160)	2 x Co Ax	2 x #0 (500)

3 Contacts

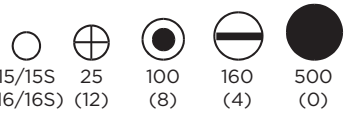
Contact Arrangement	10SL-3	14S-7	16S-5	16-10
No. Contacts x Size AWG (Metric)	3 x #16S (15S)	3 x #16S (15S)	3 x #16S (15S)	3 x #12 (25)
Service Rating	A	A	A	A



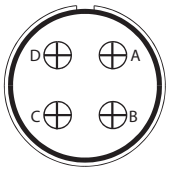
Contact Arrangement	20-3	22-2	14S-1	16S-5
No. Contacts x Size AWG (Metric)	3 x #12 (25)	3 x #8 (100)	3 x #16S (15S)	3 x #16S (15S)
Service Rating	D	D		

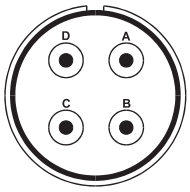


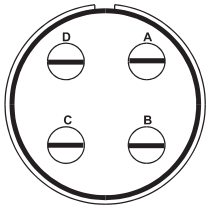
Contact Arrangement	18-22	20-19	28-6	28-3
No. Contacts x Size AWG (Metric)	3 x #16 (15)	3 x #8 (100)	3 x #4 (160)	3 x #8 (100)

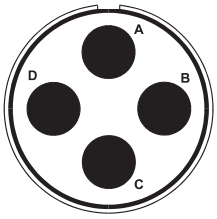


4 Contacts

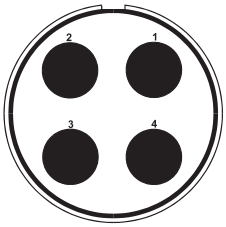


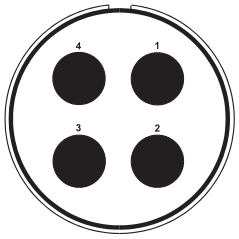


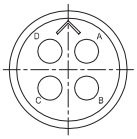


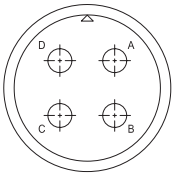


Contact Arrangement	20-4	24-22	32-17	36-5
No. Contacts x Size AWG (Metric)	4 x #12 (25)	4 x #8 (100)	4 x #4 (160)	4 x #0 (500)
Service Rating	D	D	D	A

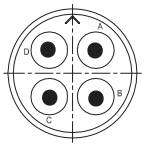


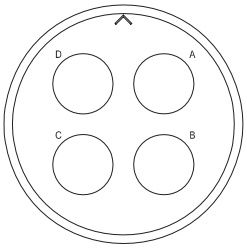


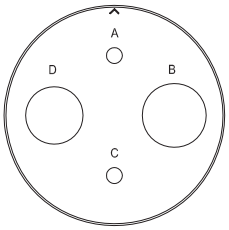




Contact Arrangement	40-E4	49-A4	14S-2	18-4
No. Contacts x Size AWG (Metric)	4 x #0 (500)	4 x #0 (500)	4 x #16S (15S)	4 x #16 (15)
Service Rating	E	D		

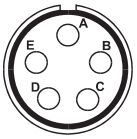


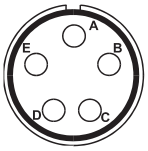


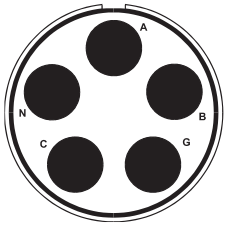


Contact Arrangement	22-22	32-C17	49-D4
No. Contacts x Size AWG (Metric)	4 x #8 (100)	4 x COAX	2 x #0000 2 x #12 (25)

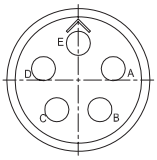
5 Contacts

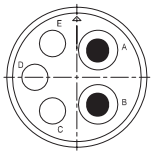


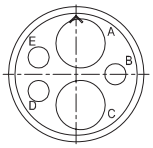




Contact Arrangement	14S-5	16S-8	18-11	40-A5
No. Contacts x Size AWG (Metric)	5 x #16S (15S)	5 x #16S (15S)	5 x #12 (25)	5 x#0 (500)
Service Rating	Inst.	A	D	A

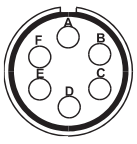


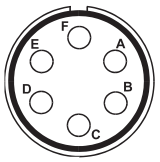


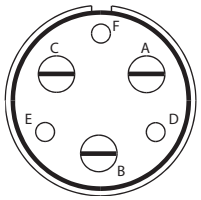


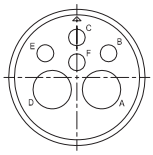
Contact Arrangement	16S-8	20-14	24-12
No. Contacts x Size AWG (Metric)	5 x #16 (15)	3 x #12 (25) 2 x #8 (100)	2 x #4 (160) 3 x #12 (25)

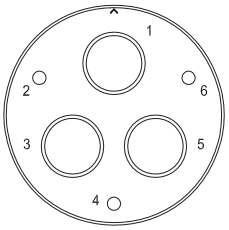
6 Contacts





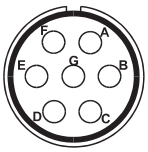


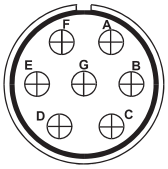


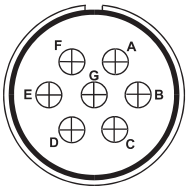


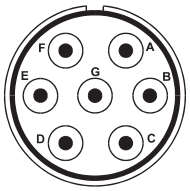
Contact Arrangement	14S-6	18-12	28-22	20-8	40-D6
No. Contacts x Size AWG (Metric)	6 x #16S (15S)	6 x #16 (15)	3 x #16 (15) 3 x #4 (160)	4 x #16 (15) 2 x #8 (100)	3 #16 (15) 3 #0 (500)
Service Rating	Inst.	A	D		

7 Contacts

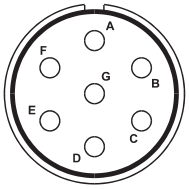


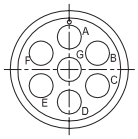


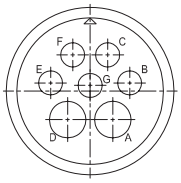


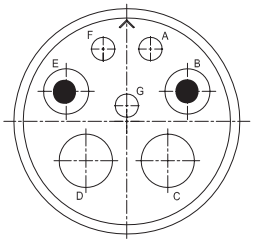


Contact Arrangement	16S-1	20-15	24-2	24-10
No. Contacts x Size AWG (Metric)	7 x #16S (15S)	7 x #12 (25)	7 x #12 (25)	7 x #8 (100)
Service Rating	A	A	D	A



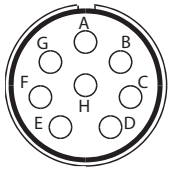


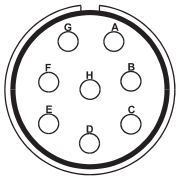


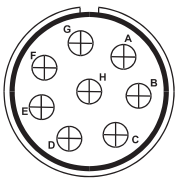


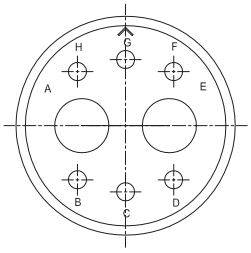
Contact Arrangement	24-27	14S-A7	18-9	28-10
No. Contacts x Size AWG (Metric)	7 x #16 (15)	7 x #16S (15S)	5 x #16 (15) 2 x #12 (25)	3 x #12 (25) 2 x #8 (100) 2 x #4 (160)
Service Rating	A			

8 Contacts





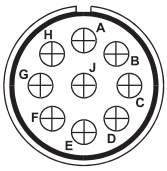


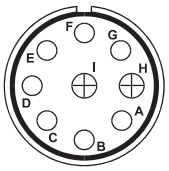


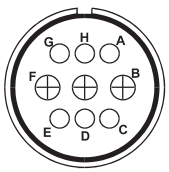
Contact Arrangement	20-7	22-18	22-23	28-8
No. Contacts x Size AWG (Metric)	8 x #16 (15)	8 x #16 (15)	8 x #12 (25)	2 x #4 (160) 6 x #16 (15)
Service Rating	A,B,H,G = D, Balance = A	A,B,F,G,H = D, Balance = A	H = D, Balance = A	

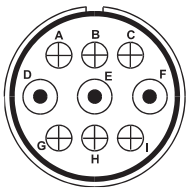
15/15S (16/16S) 25 (12) 100 (8) 160 (4) 500 (0)

9 Contacts

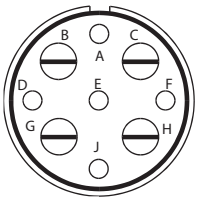


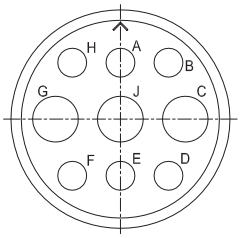


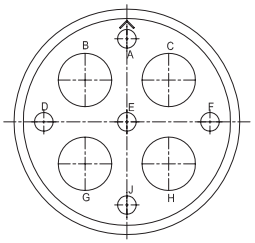




Contact Arrangement	20-A9	20-16	20-18	24-11
No. Contacts x Size AWG (Metric)	9 x #12 (25)	2 x #12 (25)	6x #16 (15) 3 x #12 (25)	6 x #12 (25) 3 x #8 (100)
Service Rating	J = D. Balance = Inst.	A	A	

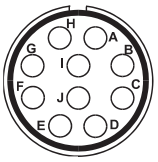


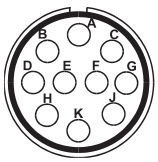


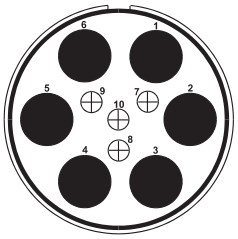


Contact Arrangement	28-A9	28-1	28-T9
No. Contacts x Size AWG (Metric)	4 x #4 (160) 5 x #16 (15)	3 x #8 (100) 6x #12 (25)	5 x #16 (15) 4 x COAX
Service Rating	A		

10 Contacts

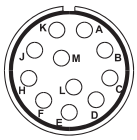






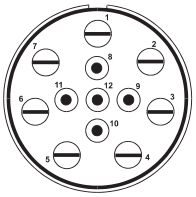
Contact Arrangement	18-1	18-19	49-10
No. Contacts x Size AWG (Metric)	10 x #16 (15)	10 x #16 (15)	4 x #12 (25) 6 x # 0 (500)
Service Rating	B,C,F,G = A. Balance = Inst.	A	D

11 Contacts



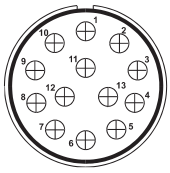
Contact Arrangement	20-33
No. Contacts x Size AWG (Metric)	11 x #16 (15)
Service Rating	A

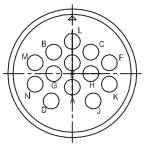
12 Contacts

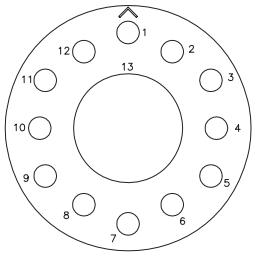


Contact Arrangement	49-A12
No. Contacts x Size AWG (Metric)	5 x #8 (100) 7 x #4 (160)
Service Rating	D

13 Contacts

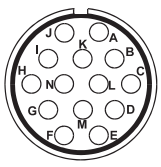


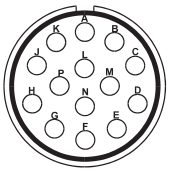


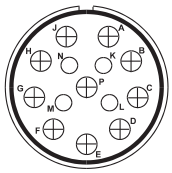


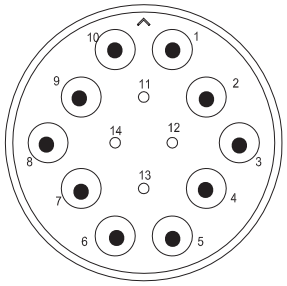
Contact Arrangement	32-A13	20-11	28-C1
No. Contacts x Size AWG (Metric)	13 x #12 (25)	13 x #16 (15)	12 x #16 (15) 1 x COAX
Service Rating	D		

14 Contacts

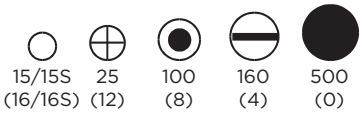




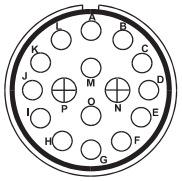


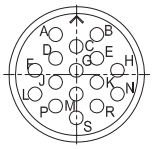


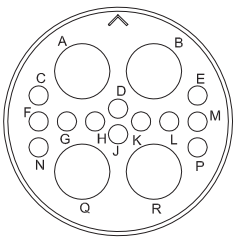
Contact Arrangement	20-27	22-19	28-20	36-D78
No. Contacts x Size AWG (Metric)	14 x #16 (15)	14 x #16 (15)	4 x #16 (15) 10 x #12 (25)	10 x #8 (100) 4 x #16 (15)
Service Rating	A	A	A	



16 Contacts

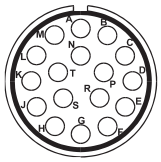






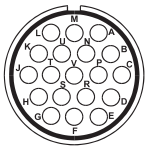
Contact Arrangement	24-7	24-5	32-68
No. Contacts x Size AWG (Metric)	14 x #16 (15) 2 x #12 (25)	16 x #16 (15)	4 x #4 (160) 12 x #16 (15)
Service Rating	A		

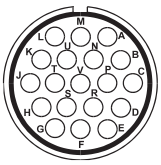
17 Contacts

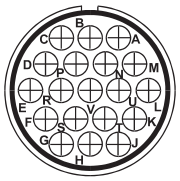


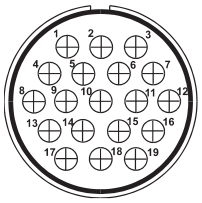
Contact Arrangement	20-29
No. Contacts x Size AWG (Metric)	17 x #16 (15)
Service Rating	A

19 Contacts

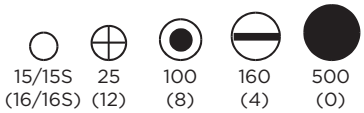




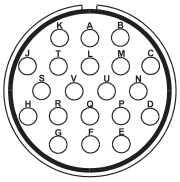




Contact Arrangement	20-A48	22-14	24-67	32-76
No. Contacts x Size AWG (Metric)	19 x #16 (15)	19 x #16 (15)	19 x #12 (25)	19 x #12 (25)
Service Rating	Inst.	A	A	A

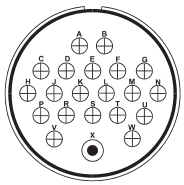


20 Contacts



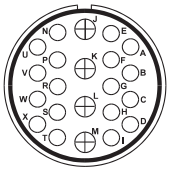
Contact Arrangement	28-16
No. Contacts x Size AWG (Metric)	20 x #16 (15)
Service Rating	A

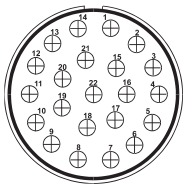
21 Contacts



Contact Arrangement	40-D21
No. Contacts x Size AWG (Metric)	20 x #12 (25) 1 x #8 (100)
Service Rating	D

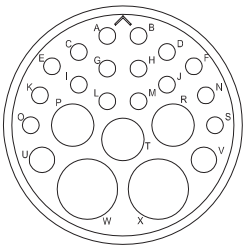
22 Contacts





Contact Arrangement	28-11	36-A22
No. Contacts x Size AWG (Metric)	18 x # 16 (15) 4 x # 12 (25)	22 x # 12 (25)
Service Rating	A	

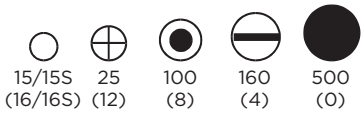
23 Contacts



Contact Arrangement	32-6
No. Contacts x Size AWG (Metric)	2 x #4 (160) 3 x #8 (100) 2 x #12 (25) 16 x #16 (15)

24 Contacts

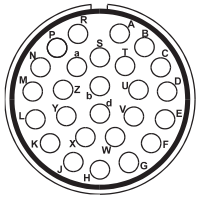
Contact Arrangement	24-28
No. Contacts x Size AWG (Metric)	24 x #16 (15)
Service Rating	Inst.

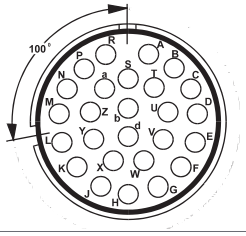


25 Contacts

Contact Arrangement	24-A25
No. Contacts x Size AWG (Metric)	25 x #16 (15)
Service Rating	A

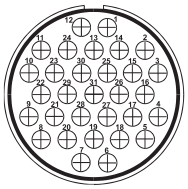
26 Contacts

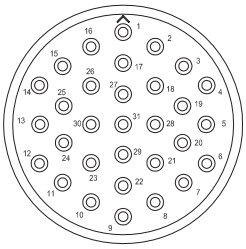




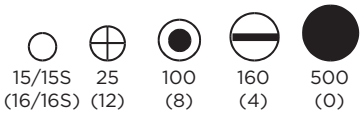
Contact Arrangement	28-12	28-13
No. Contacts x Size AWG (Metric)	26 x #16 (15)	28-12 Rotated by 100° 26 x #16 (15)
Service Rating	A	A

31 Contacts

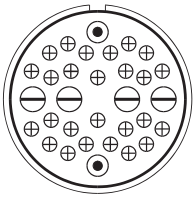




Contact Arrangement	40-A31	32-31
No. Contacts x Size AWG (Metric)	31 x #12 (25)	31 x #16 (15)
Service Rating	D	

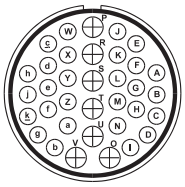


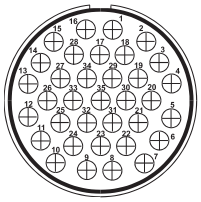
32 Contacts



Contact Arrangement	49-D32
No. Contacts x Size AWG (Metric)	26 x #12 (25) 2 x #8 (100) 4 x Coax
Service Rating	D

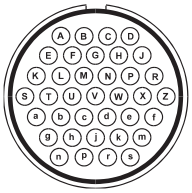
35 Contacts



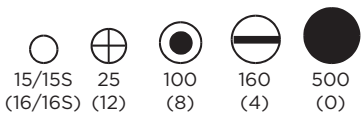


Contact Arrangement	28-15	32-7	40-A35
No. Contacts x Size AWG (Metric)	35 x #16 (15)	28 x #16 (15) 7 x #12 (25)	35 x #12 (25)
Service Rating	A	A,B,H & J = Inst. Balance = A	D

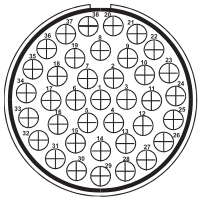
37 Contacts



Contact Arrangement	28-21
No. Contacts x Size AWG (Metric)	37 x #16 (15)
Service Rating	A

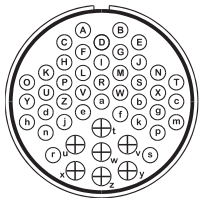


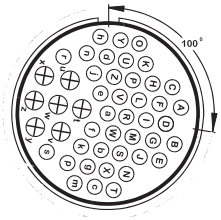
38 Contacts



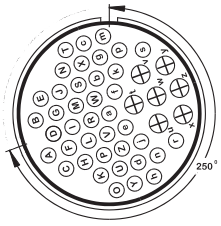
Contact Arrangement	40-A38
No. Contacts x Size AWG (Metric)	38 x #12 (25)
Service Rating	A

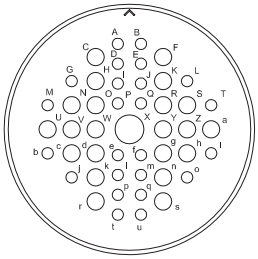
47 Contacts





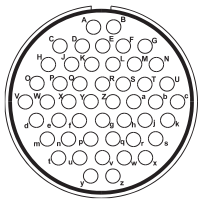
Contact Arrangement	36-7	36-16
No. Contacts x Size AWG (Metric)	40 x #16 (15) 7 x #12 (25)	36-7 Rotated by 100°
Service Rating	A	A

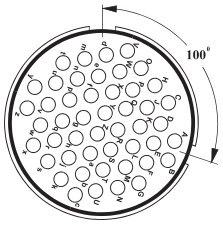




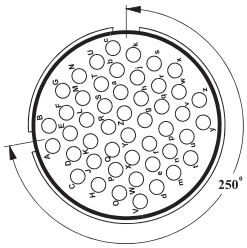
Contact Arrangement	36-17	40-9
No. Contacts x Size AWG (Metric)	36-7 Rotated by 250°	1 x #8 (100) 22 x #12 (25) 24 x #16 (15)
Service Rating	A	

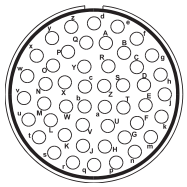
48 Contacts





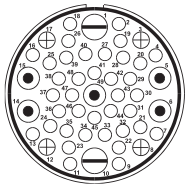
Contact Arrangement	36-10	36-11
No. Contacts x Size AWG (Metric)	48 x #16 (15)	36-10 Rotated by 100°
Service Rating	A	A

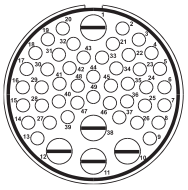




Contact Arrangement	36-12	36-A48
No. Contacts x Size AWG (Metric)	36-10 Rotated by 250°	48 x # 16 (15)
Service Rating	A	Inst.

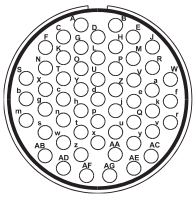
49 Contacts





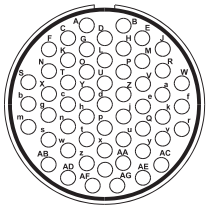
Contact Arrangement	49-A49	49-D1
No. Contacts x Size AWG (Metric)	38 x #16 (15), 4 x #12 (25) 5 x #8 (100), 2 x #4 (160)	44 x #16 (15) 5 x #4 (160)
Service Rating	D	D

54 Contacts



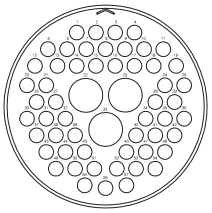
Contact Arrangement	32-22
No. Contacts x Size AWG (Metric)	54 x #16 (15)
Service Rating	A

55 Contacts



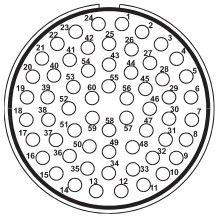
Contact Arrangement	32-A55
No. Contacts x Size AWG (Metric)	55 x #16 (15)

57 Contacts



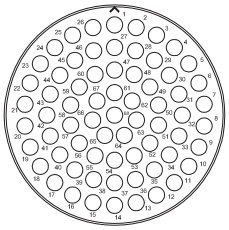
Contact Arrangement	49-A57
No. Contacts x Size AWG (Metric)	54 x #12 (25) 3 x Coax

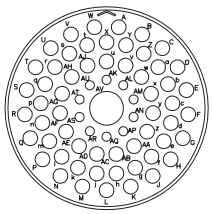
60 Contacts



Contact Arrangement	40-A60
No. Contacts x Size AWG (Metric)	60 x #16 (15)
Service Rating	A

68 Contacts

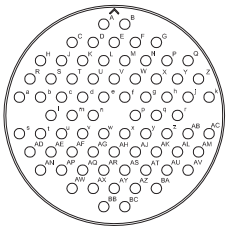




Contact Arrangement	49-A68	49-D68
No. Contacts x Size AWG (Metric)	68 x # 12 (25)	57 x #12 (25) 10 x #16 (15) 1 x Coax

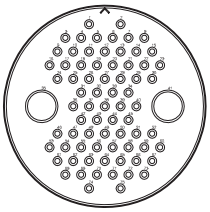
15/15S (16/16S) 25 (12) 100 (8) 160 (4) 500 (0)

74 Contacts



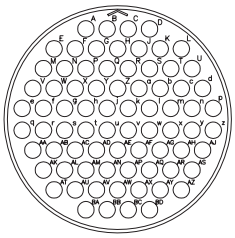
Contact Arrangement	49-74
No. Contacts x Size AWG (Metric)	74 x # 16 (15)

75 Contacts



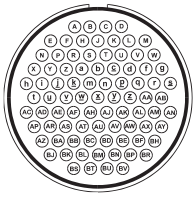
Contact Arrangement	49-D75
No. Contacts x Size AWG (Metric)	73 x # 16 (15) 2 x Coax

76 Contacts



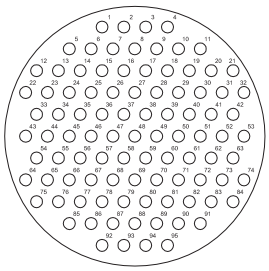
Contact Arrangement	49-A76
No. Contacts x Size AWG (Metric)	76 x # 12 (25)

85 Contacts

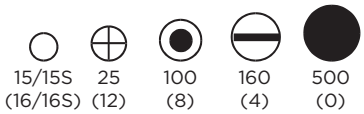


Contact Arrangement	40-56
No. Contacts x Size AWG (Metric)	85 x # 16 (15)
Service Rating	A

95 Contacts



Contact Arrangement	49-A95
No. Contacts x Size AWG (Metric)	95 x # 16 (15)



F80 CONTACT ARRANGEMENTS SELECTION CHART

Contact Size AWG(Metric) & Current Rating (Derated) Amps at 85° C									
Shell Size	Cont. Arr.	No. of Cts.	6/16S (15/15S)	12 (25)	8 (100)	4 (160)	0 (500)	Shell Orientation	Service Rating
10SL	3	3	3x10A					N	A
10SL	4	2	2x10A					N	A
14S	1	3	3x10A						
14S	2	4	4x10A						
14S	5	5	5x10A					NX	Inst.
14S	6	6	6x10A					NW	Inst.
14S	7	3	3x10A					NWXY	A
14S	A7	7	7x10A						
14S	9	2	2x10A					NWXYZ	A
16S	1	7	7x10A					NWZ	A
16S	5	3	3x10A					NWXYZ	A
16S	8	5	5x10A					NWY	A
16	10	3		3x20A				NWXY	A
18	1	10	10x10A					NWXYZ	*A&Inst
18	3	2		2x20A				NWXYZ	D
18	4	4	4x10A						
18	9	7	5x10A	2x20A					
18	11	5		5x20A				NXY	A
18	12	6	6x10A					NWZ	A
18	19	10	10x10A					NXY	A
18	22	3	3x10A					NXY	A
20	3	3		3x20A				NWXYZ	D
20	4	4		4x20A				NWXY	D
20	7	8	8x10A					NWXYZ	*A&D
20	8	6	4x10A	2x20A					
20	A9	9		9x20A				NXY	*D&Inst
20	11	13	13x10A					NWZ	A
20	14	5		3x20A	2x42A				
20	15	7		7x20A				NWZ	A
20	16	9	7x10A	2x20A				NWXYZ	A
20	18	9	6x10A	3x20A				NWXYZ	A
20	19	3			3x42A				
20	23	2			2x42A				
20	27	14	14x10A					NWXYZ	A
20	29	17	17x10A					NWZ	A
20	33	11	11x10A					NZ	A
20	A48	19	19x10A					NXY	Inst
22	1	2			2x42A				
22	2	3			3x42A			NWXYZ	D
22	7	1					1x135A		
22	14	19	19x10A					NWXYZ	A
22	18	8	8x10A					NWXYZ	*A&D
22	19	14	14x10A					NWXYZ	A
22	22	4			4x42A				
22	23	8		8x20A				NWY	*A&D
24	2	7		7x20A				NWZ	D
24	5	16	16x10A						
24	7	16	14x10A	2x20A				NWXYZ	A
24	9	2				2x75A			
24	10	7			7x42A			NWZ	A
24	11	9		6x20A	3x42A			NWXYZ	A
24	12	5		3x20A		2x75A			
24	22	4			4x42A			NWXY	D
24	A25	25	25x10A					NWXYZ	A
24	27	7	7x10A					NWZ	E
24	28	24	24x10A					NWXYZ	Inst.
24	67	19		19x20A				NWXYZ	A

***Contact Arrangements/Service Ratings**

18-1 Contacts B,C,F,G = A. Balance = Inst.
20-7 Contacts C,D,E,F = A Balance = D
22-23 Contact H = D Balance = A
20-A9 Contact J = D Balance = Inst.
22-18 Contacts A,B,F,G,H = D Balance = A

F80 CONTACT ARRANGEMENTS SELECTION CHART

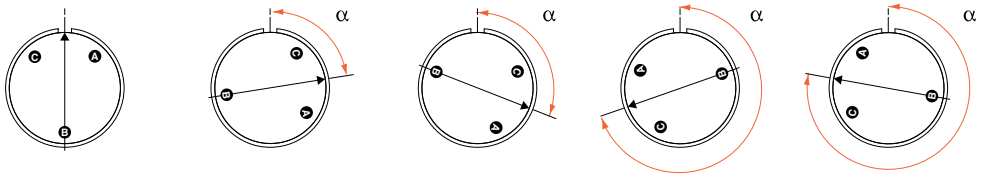
Contact Size AWG(Metric) & Current Rating (Derated) Amps at 85° C									
Shell Size	Cont. Arr.	No. of Cts.	6/16S (15/15S)	12 (25)	8 (100)	4 (160)	0 (500)	Shell Orientation	Service Rating
28	1	9		6x20A	3x42A				
28	C1	13	12x10A						
28	T2	2							
28	3	3			3x42A				
28	6	3				3x75A			
28	8	8	6x10A			2x75A			
28	T9	9	5x10A						
28	10	7		3x20A	2x42A	2x75A			
28	11	22	18x10A	4x20A				NWXYZ	A
28	12	26	26x10A					NWXY	A
28	13	26	26x10A					-	A
28	15	35	35x10A					NWXYZ	A
28	16	20	20x10A					NWXYZ	A
28	20	14	4x10A	10x20A				NWXYZ	A
28	21	37	37x10A					NWXYZ	A
28	22	6	3x10A			3x75A		NWXYZ	D
28	A9	9	5X10A			4X75A		NWXYZ	A
32	5	2					2x135A		
32	6	23	16x10A	2x20A	3x42A	2x75A			
32	7	35	28x10A	7x20A				NWXYZ	*A&Inst
32	A13	13		13x20A				NWXYZ	D
32	17	4				4x75A		NWXY	D
32	C17	4							
32	22	54	54x10A					NWXYZ	A
32	31	31	31x10A						
32	A55	55	55x10A					NWXYZ	A
32	68	16	12x10A			4x75A			
32	76	19		19x20A				NWXYZ	A
36	5	4					4x135A	NXY	A
36	7	47	40x10A	7x20A			4x135A	NWXYZ	A
36	10	48	48x10A					NWXYZ	A
36	11	48	48x10A					-	A
36	12	48	48x10A					-	A
36	16	47	40x10A	7x20A				-	A
36	17	47	40x10A	7x20A				-	A
36	A22	22		22x20A				NWXYZ	D
36	A48	48	48x10A					NW	Inst
36	54	39	31x10A	8x42A				NW	A
36	D68	14	4x10A		10x42A				
36	D78	14	4x10A		10x42A				
40	56	85	85x10A					NWXYZ	A
40	A5	5					5x135A	NWZ	A
40	D6	6	3x10A				3x135A		
40	9	47	24x10A	22x20A	1X42A				
40	D21	21		20x20A	1x42A			NW	D
40	A31	31		31x20A				NWXYZ	D
40	A35	35		35x20A				NWXYZ	D
40	A38	38		38x20A				NWXYZ	A
40	A60	60	60x10A					NWXYZ	A
40	E4	4					4x135A	NWX	E
49	D1	49	44x10A			5xCoax		NW	D
49	A4	4					4x135A	NW	D
49	D4	4		2X20A					
49	A10	10		4x20A			6x135A	NWX	D
49	A12	12			5x42A	7x75A		NW	D
49	D32	32		26x20A	2x42A	4xCoax		NW	D
49	A49	49	38x10A	4x20A	5x42A	2xCoax		NW	D
49	A57	57		54x20A					
49	A68	68		68x20A					
49	D68	68	10x10A	57x20A					
49	74	74	74x10A						
49	D75	75	73x10A						
49	A76	76		76x20A					
49	A95	95	95x10A						

***Contact Arrangements/Service Ratings**

32-7 Contacts A,B,H,J = Inst Balance = A

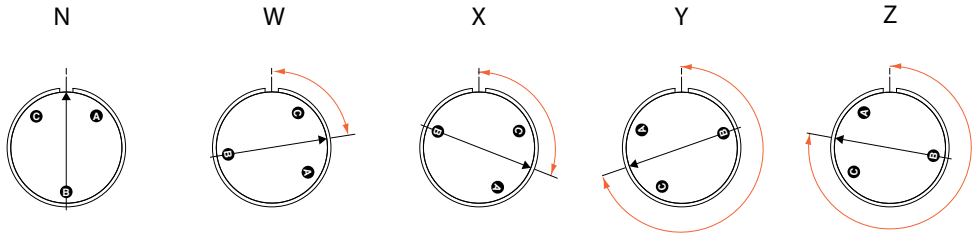
View on Mating Face of Pin Inserts

N W X Y Z



Contact Arrangement	Angular Displacement Of Insert				
	N Yellow	W Blue	X Green	Y Purple	Z White
10SL-3	0				
10S-4	0				
14S-1					
14S-2					
14S-5	0		110		
14S-6	0	90			
14S-7	0	90	180	270	
14S-A7					
14S-9	0	70	145	215	290
16S-1	0	80			280
16S-5	0	70	145	215	290
16S-8	0		170	265	
16-10	0	90	180	270	
18-1	0	70	145	215	290
18-3	0	35	110	250	325
18-4					
18-9					
18-11	0		170	265	
18-12	0	80			280
18-19	0		120	240	
18-22					
20-3	0	70	145	215	290
20-4	0	45	110	250	
20-7	0	80	110	250	280
20-8					
20-A9	0		110	250	
20-11					
20-14					
20-15	0	80			280
20-16	0	80	110	250	280
20-18	0	35	110	250	325
20-19					
20-23					
20-27	0	35	110	250	325
20-29	0	80			280
20-33	0				280
20-A48	0		80	280	
22-1					
22-2	0	70	145	215	290
22-7					
22-14	0	80	110	250	280
22-18	0	80	110	250	280
22-19	0	80	110	250	280
22-22					
22-23	0	35		250	
24-1	0	80			280
24-5					
24-7	0	80	110	250	280
24-9					
24-10	0	80			280
24-11	0	35	110	250	325
24-12					
24-22	0	45	110	250	
24-A25	0	80	110	250	280
24-27	0	80			280
24-28	0	80	110	250	280
24-67	0	80			335

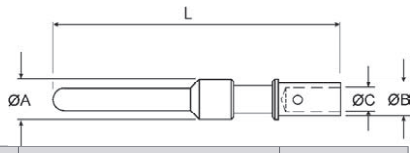
View on Mating Face of Pin Inserts



Contact Arrangement	Angular Displacement Of Insert				
	N Yellow	W Blue	X Green	Y Purple	Z White
28-1					
28-C1					
28-T2					
28-3					
28-6					
28-8					
28-T9					
28-10					
28-11	0	80	110	250	280
28-12	0	90	180	270	
28-13	0				
28-15	0	80	110	250	280
28-16	0	80	110	250	280
28-20	0	80	110	250	280
28-21	0	80	110	250	280
28-22	0	70	145	215	290
28-A9	0	110	250	260	280
32-5					
32-6					
32-7	0	80	125	235	280
32-A13	0	65	130	230	295
32-17	0	45	110	250	
32-C17					
32-22	0	80	110	250	280
32-31					
32-A55	0	80	110	250	280
32-68					
32-76	0	80	110	250	280
36-5	0		120	240	
36-7	0	80	110	250	280
36-10	0	80	125	235	280
36-11	0				
36-12	0				
36-16	0				
36-17	0				
36-A22	0	80	110	250	280
36A48	0	65			
36-54	0	67			
36-D68					
40-56	0	72	144	216	288
40-A5	0	33			270
40-D6					
40-9					
40-D21	0	80			
40-A31	0	80	110	250	280
40-A35	0	70	130	230	290
40-A38	0	37	74	285	322
40-A60	0	80	110	250	280
40-E4	0	45	110		
49-D1	0	80			
49-A4	0	80			
49-D4					
49-A10	0	80	150		
49-A12	0	80			
49-D32	0				
49-A49	0	80			
49-57					
49-A68					
49-D68					
49-74					
49-D75					
49-A76					
49-A95					

Metric
Imperial

For standard gold plating, add P3 to the end of the part number.

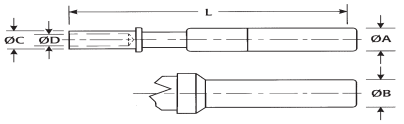


Contact Size AWG (Metric)	Part Number	A	B	C	Conductor CSA mm²	L
16S/20	CIRB16S/20KPKF80	3,20 **0.126**	2,65 **0.104**	1,10 **0.043**	0,50/0,60	26,60 **1.047**
16S/18	CIRB16S/18KPKF80	3,20 **0.126**	2,30 **0.091**	1,25 **0.049**	0,75/0,93	26,60 **1.047**
16S (15S)	CIRB16SKPKF80	3,20 **0.126**	2,75 **0.108**	1,75 **0.069**	0,93/1,50	26,60 **1.047**
16S/14	CIRB16S/14KPKF80	3,20 **0.126**	2,90 **0.114**	1,80 **0.071**	1,94/2,08	26,60 **1.047**
16/22	CIRB16/22KPKF80	3,20 **0.126**	2,30 **0.091**	0,90 **0.035**	0,22/0,34	31,75 **1.250**
16/20	CIRB16/20KPKF80	3,20 **0.126**	2,65 **0.104**	1,10 **0.043**	0,50/0,75	31,75 **1.250**
16/18	CIRB16/18KPKF80	3,20 **0.126**	2,30 **0.091**	1,25 **0.049**	0,75/0,93	31,75 **1.250**
16 (15)	CIRB16KPKF80	3,20 **0.126**	2,75 **0.108**	1,75 **0.069**	0,93/1,50	31,75 **1.250**
16/14	CIRB1614KPKF80	3,20 **0.126**	2,90 **0.114**	1,80 **0.071**	1,94/2,08	31,75 **1,250**
16/12	CIRB16/12KPKF80	3,20 **0.126**	3,80 **0.150**	2,50 **0.098**	2,50/3,00	31,75 **1.250**
12/20	CIRB12/20KPKF80	4,80 **0.189**	2,65 **0.104**	1,10 **0.043**	0,50/0,60	37,50 **1.476**
12/18	CIRB12/18KPKF80	4,80 **0.189**	2,30 **0.091**	1,25 **0.049**	0,75/0,93	37,50 **1.476**
12/16 (25/15)	CIRB12/16KPKF80	4,80 **0.189**	2,75 **0.108**	1,75 **0.069**	0,93/1,50	37,50 **1.476**
12/14	CIRB12/14KPKF80	4,80 **0.189**	2,90 **0.114**	1,80 **0.071**	1,94/2,08	37,50 **1.476**
12 (25)	CIRB12KPKF80	4,80 **0.189**	3,80 **0.150**	2,50 **0.098**	2,50/3,00	37,50 **1.476**
12/10	CIRB1210KPKF80	4,80 **0.189**	4,40 **0.173**	3,00 **0.118**	5,53	37,50 **1.476**
12/40 (25/40)	CIRB12/40KPKF80	4,80 **0.189**	4,00 **0.157**	2,70 **0.106**	4,00	37,50 **1.476**
8/40 (100/40)	CIRB8/40KPKF80	7,80 **0.307**	5,20 **0.205**	2,90 **0.114**	4,00	40,70 **1.602**
8/12	CIRB8/12KPKF80	7,80 **0.307**	3,80 **0.150**	2,50 **0.098**	2,50	40,70 **1.602**
8/10	CIRB8/10KPKF80	7,80 **0.307**	5,20 **0.205**	3,30 **0.130**	5,53	40,70 **1.602**
8	CIRB8KPKF80	7,80 **0.307**	6,80 **0.268**	4,55 **0.179**	9,00	40,70 **1.602**
(100/60)	CIRB100/60KPKF80	7,80 **0.307**	5,50 **0.217**	3,40 **0.134**	6,00	40,70 **1.602**
(100)	CIRB100KPKF80	7,80 **0.307**	7,00 **0.276**	4,40 **0.173**	10,00	40,70 **1.602**
4/10	CIRB4/10KPKF80	11,00 **0.433**	5,20 **0.205**	3,30 **0.130**	553	41,25 **1.624**
4	CIRB4KPKF80	11,00 **0.433**	9,55 **0.376**	7,10 **0.280**	22,00	41,25 **1.624**
(160)	CIRB160KPKF80	11,00 **0.433**	9,45 **0.372**	5,70 **0.224**	16,00	41,25 **1.624**
0	CIRB0KPKF80	15,00 **0.591**	14,35 **0.565**	11,50 **0.453**	53,0	44,50 **1.752**
(500/160)	CIRB500/160KPKF80	15,00 **0.591**	9,45 **0.372**	5,70 **0.224**	16,00	44,50 **1.752**
(500/250)	CIRB500/250KPKF80	15,00 **0.591**	10,00 **0.394**	7,00 **0.276**	25,00	44,50 **1.752**
(500/350)	CIRB500/350KPKF80	15,00 **0.591**	11,90 **0.468**	8,00 **0.315**	35,00	44,50 **1.752**
(500)	CIRB500KPKF80	15,00 **0.591**	14,35 **0.565**	9,80 **0.386**	50,00	44,50 **1.752**

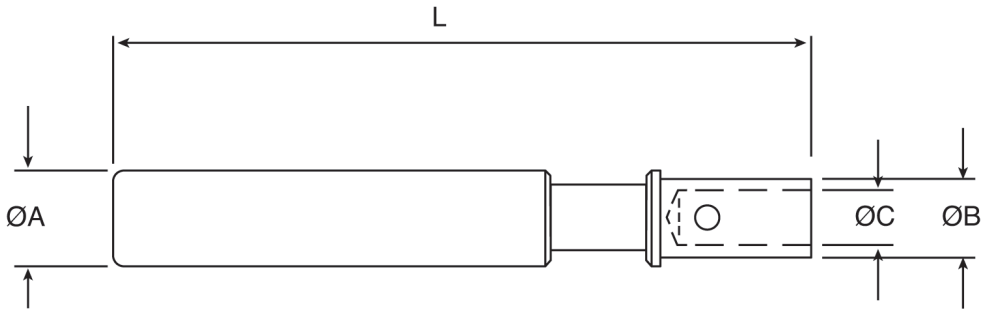
F80 CRIMP CONTACTS SOCKET

Metric
Imperial

For standard gold plating, add P3 to the end of the part number.



Contact Size AWG (Metric)	Part Number	A	B	C	D	Conductor CSA mm²	L
16S/20	CIRB16S/20KSKF80	3,20 **0.126**	-	2,65 **0.104**	1,10 **0.049**	0,50/0,60	26,60 **1.047**
16S/18	CIRB16S/18KSKF80	3,20 **0.126**	-	2,30 **0.091**	1,25 **0.069**	0,75/0.93	26,60 **1.047**
16S (15S)	CIRB16SKSKF80	3,20 **0.126**	-	2,75 **0.108**	1,75 **0.069**	0,93/1,50	26,60 **1.047**
16S/14	CIRB16S/14KSKF80	3,20 **0.126**	-	3,90 **0.114**	1,80 **0.071**	1,94/2,08	26,60 **1.047**
16/22	CIRB16/22KSKF80	3,20 **0.126**	-	2,30 **0.091**	0,90 **0.035**	0,22/0,34	36,50 **1.437**
16/20	CIRB16/20KSKF80	3,20 **0.126**	-	2,65 **0.104**	1,10 **0.049**	0,50/0,75	36,50 **1.437**
16/18	CIRB16/18KSKF80	3,20 **0.126**	-	2,30 **0.091**	1,25 **0.049**	0,75/0,93	36,50 **1.437**
16 (15)	CIRB16KSKF80	3,20 **0.126**	-	2,75 **0.108**	1,75 **0.07**	0,93/1,50	36,50 **1.437**
16/14	CIRB16/14KSKF80	3,20 **0.126**	-	2,90 **0.114**	1,80 **0.071**	1,94/2,08	36,50 **1.437**
16/12	CIRB16/12KSKF80	3,20 **0.126**	-	3,80 **0.150**	2,50 **0.098**	2,50/3,00	36,50 **1.476**
12/20	CIRB12/20KSKF80	4,80 **0.189**	-	2,65 **0.104**	1,10 **0.049**	0,50/0,60	37,50 **1.476**
12/18	CIRB12/18KSKF80	4,80 **0.189**	-	2,30 **0.091**	1,25 **0.049**	0,75/0,93	37,50 **1.476**
12/16 (25/15)	CIRB12/16KSKF80	4,80 **0.189**	-	2,75 **0.108**	1,75 **0.069**	0,93/1,50	37,50 **1.476**
12/14	CIRB12/14KSKF80	4,80 **0.189**	-	2,90 **0.114**	1,80 **0.071**	1,94/2,08	37,50 **1.476**
12 (25)	CIRB12KSKF80	4,80 **0.189**	-	3,80 **0.150**	2,50 **0.098**	2,50/3,00	37,50 **1.476**
12/10	CIRB1210KSKF80	480 **0.189**	-	4,40 **0.173**	3,00 **0.118**	5,53	37,50 **1.476**
12/40 (25/40)	CIRB12/40KSKF80	4,80 **0.189**	-	4,00 **0.157**	2,70 **0.106**	4,00	37,50 **1.476**
8/40	CIRB8/40KSKF80	7,80 **0.307**	6,50 **0.256**	5,20 **0.204**	2,90 **0.114**	4,00	40,70 **1.602**
8/12	CIRB8/12KSKF80	7,80 **0.307**	6,50 **0.256**	3,80 **0.150**	2,50 **0.098**	2,50/3,00	40,70 **1.602**
8/10	CIRB8/10KSKF80	7,80 **0.307**	6,50 **0.256**	4,40 **0.173**	3,00 **0.118**	5,53	40,70 **1.602**
8	CIRB8KSKF80	7,80 **0.307**	6,50 **0.256**	6,80 **0.268**	4,55 **0.179**	9,00	40,70 **1.602**
(100/60)	CIRB100/60KSKF80	7,80 **0.307**	6,50 **0.256**	5,50 **0.217**	3,40 **0.134**	6,00	40,70 **1.602**
(100)	CIRB100KSKF80	7,80 **0.307**	6,50 **0.256**	7,00 **0.276**	4,40 **0.173**	10,00	40,70 **1.602**
4/10	CIRB4/10KSKF80	11,10 **0.437**	6,50 **0.256**	5,20 **0.205**	3,30 **0.130**	5,53	41,25 **1.624**
4	CIRB4KSKF80	11,10 **0.437**	8,60 **0.339**	9,55 **0.376**	7,10 **0.280**	22,00	41,25 **1.624**
(160)	CIRB160KSKF80	11,10 **0.437**	8,60 **0.339**	9,45 **0.372**	5,70 **0.224**	16,00	41,25 **1.624**
0	CIRB0KSKF80	15,10 **0.594**	13,20 **0.520**	14,35 **0.565**	11,50 **0.453**	53,00	44,50 **1.752**
(500/160)	CIRB500/160KSKF80	15,10 **0.594**	13,20 **0.520**	9,45 **0.372**	5,70 **0.224**	16,00	44,50 **1.752**
(500/250)	CIRB500/250KSKF80	15,10 **0.594**	13,20 **0.520**	10,00 **0.394**	7,00 **0.276**	25,00	44,50 **1.752**
(500/350)	CIRB500/350KPKF80	15,10 **0.594**	13,20 **0.520**	11,90 **0.469**	8,00 **0.315**	35,00	44,50 **1.752**
(500)	CIRB500KPKF80	15,10 **0.594**	13,20 **0.520**	14,35 **0.565**	9.80 **0.386**	50,00	44,50 **1.752**

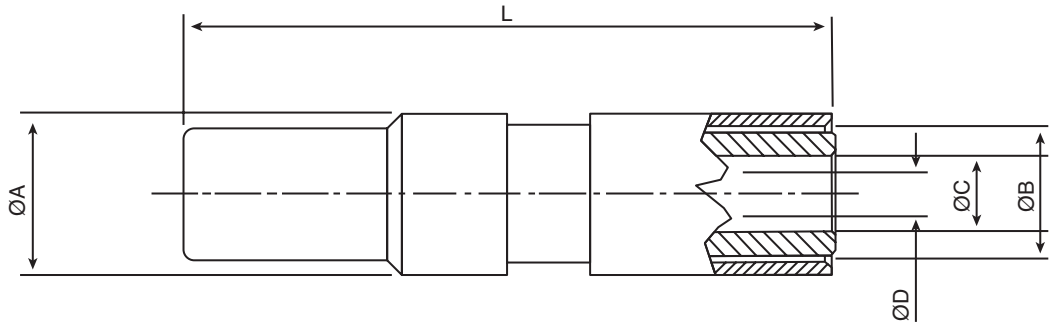


Metric
Imperial

Standard finish = gold plated.

Contact Size AWG (Metric)	**Part Number**	**A**	**B**	**C**	**Conductor CSA mm²**	**L**
16S (15S)	CIRB16SKLKF80P3	3,20 **0.126**	2,75 **0.108**	1,75 **0.069**	1,00/1,50	26,60 **1.047**
16/22	CIRB16/22KLKF80P3	3,20 **0.126**	2,30 **0.091**	0,90 **0.035**	0,22/0,34	36,50 **1.437**
16/20	CIRB16/20KLKF80P3	3,20 **0.126**	2,65 **0.104**	1,10 **0.043**	0,50/0,60	36,50 **1.437**
16/18	CIRB16/18KLKF80P3	3,20 **0.126**	2,30 **0.091**	1,25 **0.049**	0,75/0,93	36,50 **1.437**
16 (15)	CIRB16KLKF80P3	3,20 **0.126**	2,75 **0.108**	1,75 **0.069**	1,00/1,50	36,50 **1.437**
16/14	CIRB16/14KLKF80P3	3,20 **0.126**	2,90 **0.114**	1,80 **0.071**	1,94/2,08	36,50 **1.437**
16/12	CIRB16/12KLKF80P3	3,20 **0.126**	3,80 **0.150**	2,50 **0.098**	2,50/3,00	36,50 **1.437**
12/40 (25/40)	CIRB12/40KLKF80P3	4,80 **0.189**	4,00 **0.157**	2,70 **0.106**	4,00	37,50 **1.476**
12/20	CIRB12/20KLKF80P3	4,80 **0.189**	2,65 **0.104**	1,10 **0.043**	0,50/0,60	37,50 **1.476**
12/18	CIRB12/18KLKF80P3	4,80 **0.189**	2,30 **0.091**	1,25 **0.049**	0,75/0,93	37,50 **1.476**
12/16	CIRB12/16KLKF80P3	4,80 **0.189**	2,75 **0.108**	1,75 **0.069**	1,00/1,50	37,50 **1.476**
12/10	CIRB12/10KLKF80P3	4,80 **0.189**	4,40 **0.175**	3,00 **0.118**	5,53	37,50 **1.476**
12 (25)	CIRB12KLKF80P3	4,80 **0.189**	3,80 **0.1508**	2,50 **0.098**	2,50/3,00	37,50 **1.476**

Pin Contact

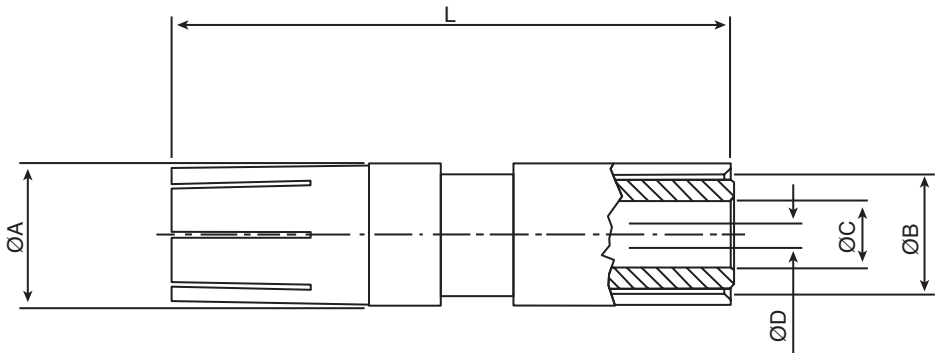


Metric
Imperial

*** Important Note.**
Consult TE for suitable contact arrangement details.

Contact Size AWG*	Part Number	A	B	C	D	L	Use With Conductors
4	CIRB 4 CKPK F80 P1 001	11,10 **0.437**	9,80 **0.386**	5,20 **0.205**	1,07 **0.042**	44,70 **1.760**	0.5 mm²
4	CIRB 4 CKPK F80 P1 002	11,10 **0.437**	9,80 **0.386**	7,50 **0.295**	1,75 **0.069**	44,70 **1.760**	1.0 mm²

Socket Contact

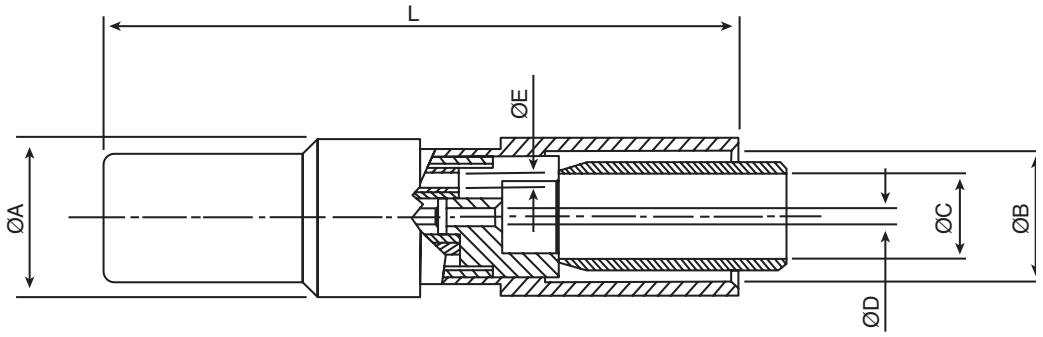


Metric
Imperial

*** Important Note.**
Consult TE for suitable contact arrangement details.

Contact Size AWG*	Part Number	A	B	C	D	L	Use With Conductors
4	CIRB 4 CKSK F80 P1 001	11,10 **0.437**	9,80 **0.386**	5,20 **0.205**	1,07 **0.042**	43,05 **1.695**	0.5 mm²
4	CIRB 4 CKSK F80 P1 002	11,10 **0.437**	9,80 **0.386**	7,50 **0.295**	1,75 **0.069**	43,05 **1.695**	1.0 mm²

Pin Contact

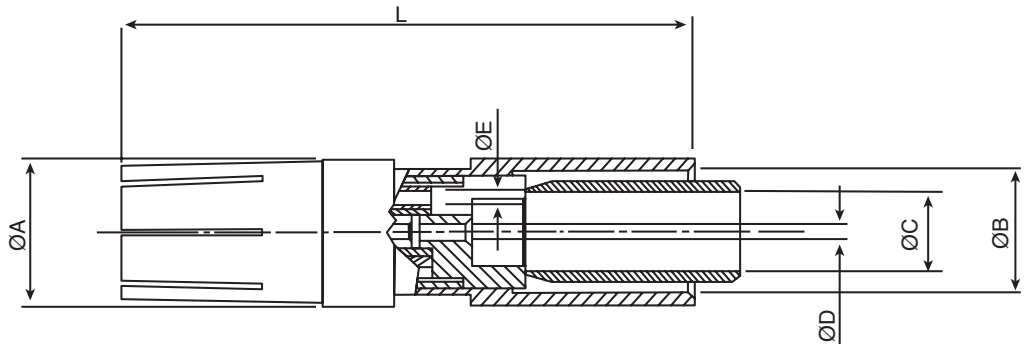


Metric
Imperial

*** Important Note.**
Consult TE for suitable contact arrangement details.

Contact Size AWG*	Part Number	A	B	C	D	E	L	Use With Conductors
4	CIRB 4 TKPK F80 P1	11,10 **0.437**	9,80 **0.386**	6,00 **0.236**	1,07 **0.042**	1,05 **0.041**	44,70 **1.760**	0.5 mm² 0.6 mm²
4	CIRB 4 TKPK F80 P1 001	11,10 **0.437**	9,80 **0.386**	6,50 **0.256**	1,30 **0.051**	1,30 **0.051**	44,70 **1.760**	0.75 mm² 1.0 mm²

Socket Contact

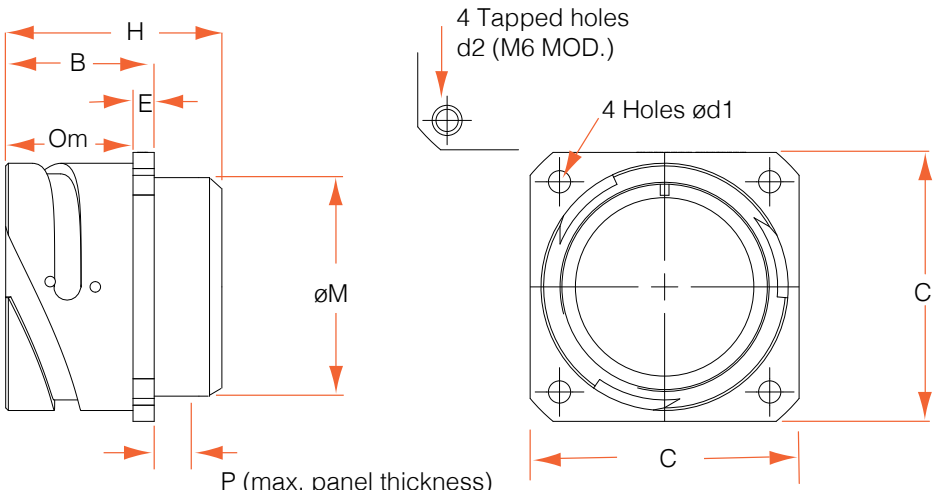


Metric
Imperial

*** Important Note.**
Consult TE for suitable contact arrangement details.

Contact Size AWG*	Part Number	A	B	C	D	E	L	Use With Conductors
4	CIRB 4 TKSK F80 P1	11,10 **0.437**	9,80 **0.386**	6,00 **0.236**	1,07 **0.042**	1,05 **0.041**	43,05 **1.695**	0.5 mm² 0.6 mm²
4	CIRB 4 TKSK F80 P1 001	11,10 **0.437**	9,80 **0.386**	6,50 **0.256**	1,30 **0.051**	1,30 **0.051**	43,05 **1.695**	0.75 mm² 1.0 mm²

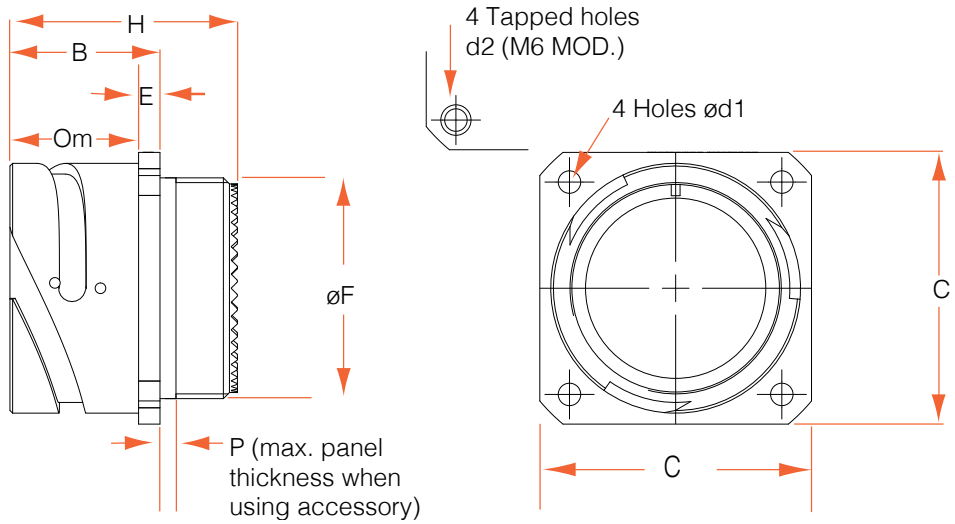
SQUARE FLANGE RECEPTACLE
FRONT MOUNTING (NO ACCESSORY THREAD)
STYLE: CIRH00A/CIRH00A...M6



Metric
Imperial

See page 90 for panel mounting details.

Shell Size	B Max	C Max	d1 +0,2 -0 +0.008-0	d2 Thread	E Max	M Max	H Max	Om Min Overlap Mated
10SL	17,60 **0.693**	25,70 **1.012**	3,20 **0.126**	**M4** 0,7-6H	3,00 **0.118**	16,10 **0.634**	25,00 **0.98**	11,10 **0.437**
14S	18,00 **0.709**	30,30 **1.193**	3,20 **0.126**	**M4** 0,7-6H	3,40 **0.134**	19,20 **0.756**	25,00 **0.98**	11,10 **0.437**
16S	18,00 **0.709**	32,80 **1.291**	3,20 **0.126**	**M4** 0,7-6H	3,40 **0.134**	22,40 **0.882**	25,00 **0.98**	11,10 **0.437**
16	22,80 **0.898**	32,80 **1.291**	3,20 **0.126**	**M4** 0,7-6H	3,40 **0.134**	22,40 **0.882**	32,85 **1.293**	15,85 **0.624**
18	23,60 **0.929**	35,30 **1.390**	3,20 **0.126**	**M4** 0,7-6H	4,20 **0.165**	25,60 **1.008**	32,85 **1.293**	15,85 **0.624**
20	23,60 **0.929**	38,30 **1.508**	3,20 **0.126**	**M4** 0,7-6H	4,20 **0.165**	29,00 **1.142**	32,85 **1.293**	15,85 **0.624**
22	23,60 **0.929**	41,30 **1.626**	3,20 **0.126**	**M4** 0,7-6H	4,20 **0.165**	31,90 **1.256**	32,85 **1.293**	15,75 **0.620**
24	25,20 **0.992**	44,80 **1.764**	3,70 **0.146**	**M4** 0,7-6H	4,20 **0.165**	35,00 **1.378**	32,85 **1.293**	15,75 **0.620**
28	25,20 **0.992**	51,10 **2.012**	3,70 **0.146**	**M5** 0,8-6H	4,20 **0.165**	41,40 **1.630**	32,85 **1.293**	15,75 **0.620**
32	26,80 **1.055**	57,30 **2.256**	4,30 **0.169**	**M5** 0,8-6H	4,20 **0.165**	47,80 **1.882**	32,85 **1.293**	15,75 **0.620**
36	26,80 **1.055**	63,80 **2.512**	4,30 **0.169**	**M5** 0,8-6H	4,20 **0.165**	52,60 **2.071**	32,85 **1.293**	15,75 **0.620**
40	26,80 **1.055**	70,20 **2.764**	4,30 **0.169**	**M5** 0,8-6H	4,20 **0.165**	59,00 **2.323**	32,85 **1.293**	15,75 **0.620**

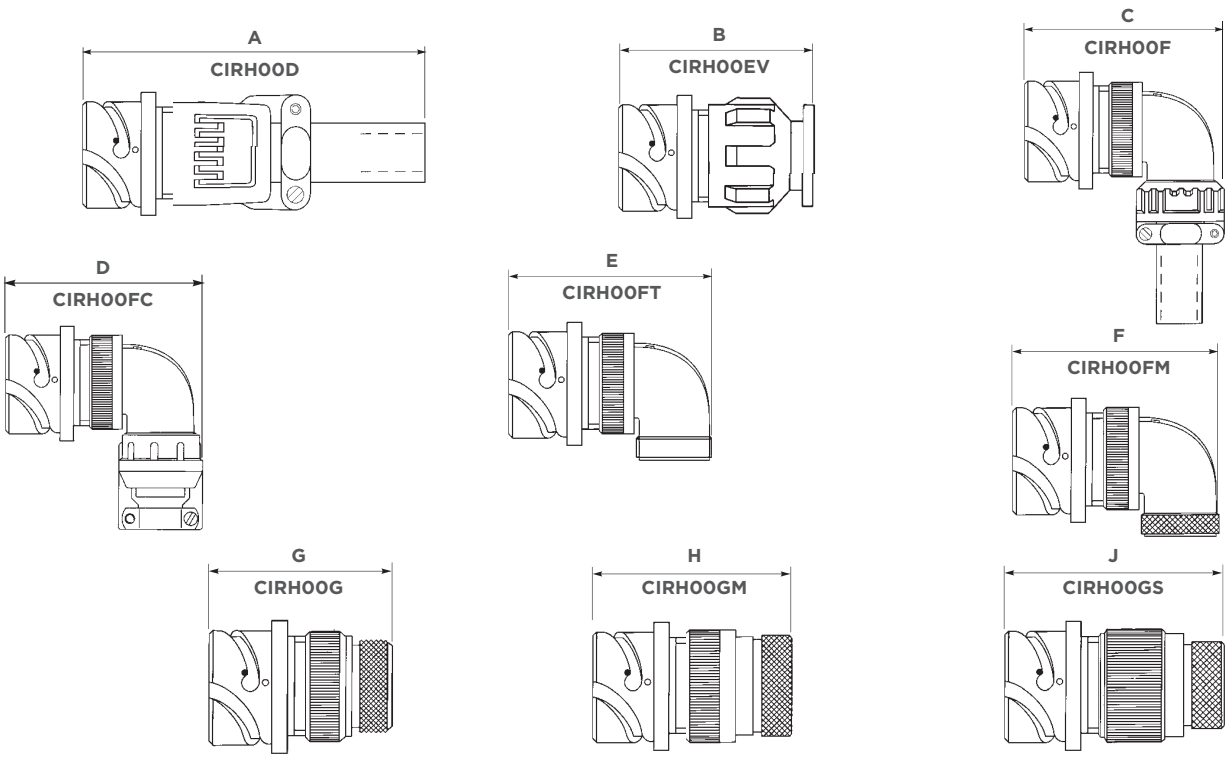


Metric
Imperial

See page 90 for panel mounting details.

Shell Size	B Max	C Max	d1 +0,2 -0 +0.008-0	d2 Thread	E Max	F Thread Dia. Class 2A	H Max	P	Om Min Overlap Mated
10SL	17,60 **0.693**	25,70 **1.012**	3,20 **0.126**	**M4** 0,7-6H	3,00 **0.118**	5/8" x 24 UNEF	28,78 **1.133**	3,30 **0.130**	11,10 **0.437**
14S	18,00 **0.709**	30,30 **1.193**	3,20 **0.126**	**M4** 0,7-6H	3,40 **0.134**	3/4" x 20 UNEF	28,78 **1.133**	3,30 **0.130**	11,10 **0.437**
16S	18,00 **0.709**	32,80 **1.291**	3,20 **0.126**	**M4** 0,7-6H	3,40 **0.134**	7/8" x 20 UNEF	28,78 **1.133**	3,30 **0.130**	11,10 **0.437**
16	22,80 **0.898**	32,80 **1.291**	3,20 **0.126**	**M4** 0,7-6H	3,40 **0.134**	7/8" x 20 UNEF	36,30 **1.429**	3,30 **0.130**	15,85 **0.624**
18	23,60 **0.929**	35,30 **1.390**	3,20 **0.126**	**M4** 0,7-6H	4,20 **0.165**	1" x 20 UNEF	36,30 **1.429**	3,30 **0.130**	15,85 **0.624**
20	23,60 **0.929**	38,30 **1.508**	3,20 **0.126**	**M4** 0,7-6H	4,20 **0.165**	1 1/8" x 18 UNEF	36,30 **1.429**	3,30 **0.130**	15,85 **0.624**
22	23,60 **0.929**	41,30 **1.626**	3,20 **0.126**	**M4** 0,7-6H	4,20 **0.165**	1 1/4" x 18 UNEF	36,30 **1.429**	3,30 **0.130**	15,75 **0.620**
24	25,20 **0.992**	44,80 **1.764**	3,70 **0.146**	**M4** 0,7-6H	4,20 **0.165**	1 3/8" x 18 UNEF	36,30 **1.429**	3,30 **0.130**	15,75 **0.620**
28	25,20 **0.992**	51,10 **2.012**	3,70 **0.146**	**M5** 0,8-6H	4,20 **0.165**	1 5/8" x 18 UNEF	36,30 **1.429**	3,30 **0.130**	15,75 **0.620**
32	26,80 **1.055**	57,30 **2.256**	4,30 **0.169**	**M5** 0,8-6H	4,20 **0.165**	1 7/8" x 16 UN	36,30 **1.429**	3,30 **0.130**	15,75 **0.620**
36	26,80 **1.055**	63,80 **2.512**	4,30 **0.169**	**M5** 0,8-6H	4,20 **0.165**	2 1/16" x 16 UNS	36,30 **1.429**	3,30 **0.130**	15,75 **0.620**
40	26,80 **1.055**	70,20 **2.764**	4,30 **0.169**	**M5** 0,8-6H	4,20 **0.165**	2 5/16" x 16 UN	36,30 **1.429**	3,30 **0.130**	15,75 **0.620**

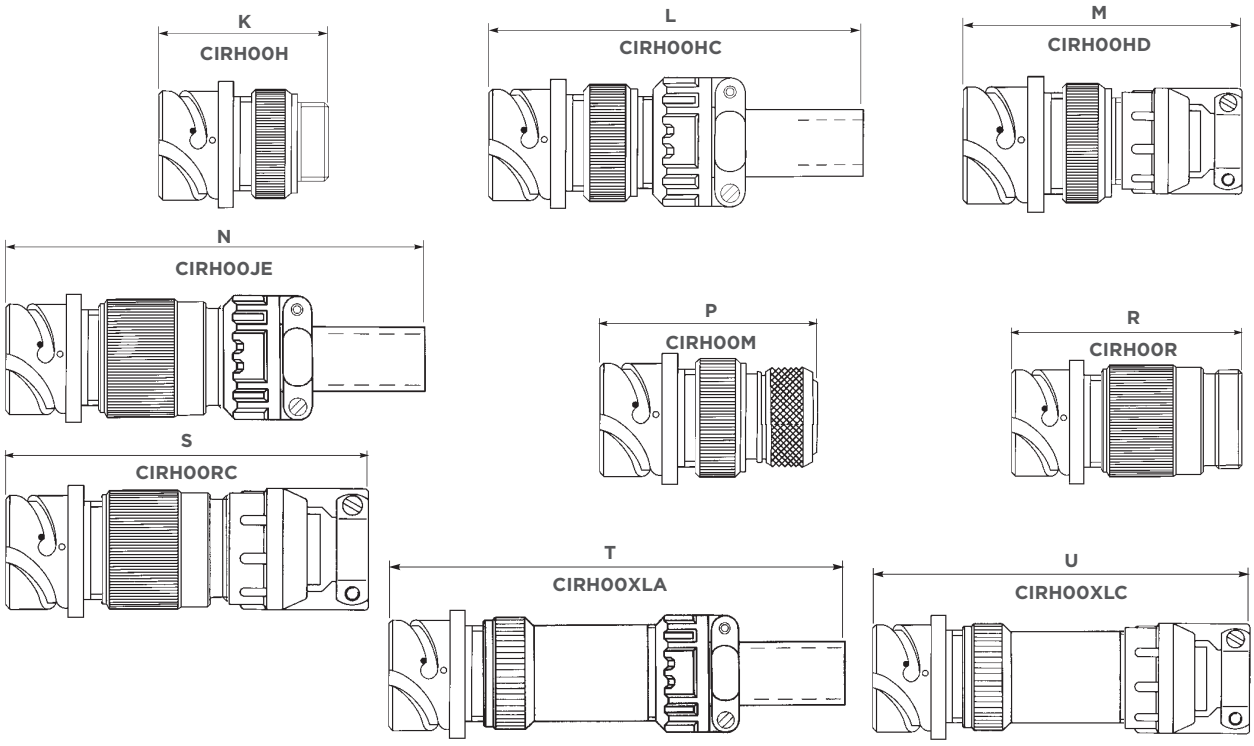
CIRH '00' STYLE
CONNECTOR & ACCESSORY



Metric
Imperial

Shell Size	A	B	C	D	E	F	G	H	J
10SL	109,00 **4.291**	44,00 **1.732**	57,00 **2.244**	58,00 **2.283**	54,00 **2.126**	54,00 **2.126**	49,00 **1.929**	53,00 **2.087**	*
14S	107,00 **4.213**	44,00 **1.732**	61,00 **2.402**	60,00 **2.362**	56,00 **2.205**	56,00 **2.205**	49,00 **1.929**	53,00 **2.087**	*
16S	104,00 **4.094**	44,00 **1.732**	64,00 **2.520**	64,00 **2.520**	60,00 **2.362**	60,00 **2.362**	49,00 **1.929**	53,00 **2.087**	*
16	111,00 **4.370**	54,00 **2.126**	71,00 **2.795**	71,00 **2.795**	67,00 **2.638**	67,00 **2.638**	57,00 **2.244**	65,00 **2.559**	*
18	115,00 **4.528**	54,00 **2.126**	76,00 **2.992**	76,00 **2.992**	72,00 **2.835**	72,00 **2.835**	59,00 **2.323**	65,00 **2.559**	74,00 **2.913**
20	114,00 **4.488**	54,00 **2.126**	81,00 **3.189**	82,00 **3.228**	77,00 **3.031**	77,00 **3.031**	60,00 **2.362**	68,00 **2.677**	80,00 **3.150**
22	114,00 **4.488**	54,00 **2.126**	81,00 **2.189**	82,00 **3.228**	77,00 **3.031**	77,00 **3.031**	63,00 **2.480**	68,00 **2.677**	80,00 **3.150**
24	109,00 **4.291**	54,00 **2.126**	89,00 **3.504**	89,00 **3.504**	85,00 **3.346**	85,00 **3.346**	60,00 **2.362**	68,00 **2.677**	80,00 **3.150**
28	119,00 **4.685**	54,00 **2.126**	88,00 **3.465**	89,00 **3.504**	85,00 **3.346**	85,00 **3.346**	63,00 **2.480**	67,00 **2.638**	81,00 **3.189**
32	115,00 **4.528**	54,00 **2.126**	98,00 **3.858**	101,00 **3.976**	95,00 **3.740**	95,00 **3.740**	61,00 **2.402**	67,00 **2.638**	80,00 **3.189**
36	112,00 **4.409**	54,00 **2.126**	104,00 **4.094**	105,00 **4.134**	101,00 **3.976**	101,00 **3.976**	67,00 **2.638**	68,00 **2.677**	80,00 **3.189**
40	N/A	54,00 **2.126**	111,00 **4.370**	112,00 **4.409**	107,00 **4.213**	107,00 **4.213**	68,00 **2.677**	68,00 **2.677**	80,00 **3.189**

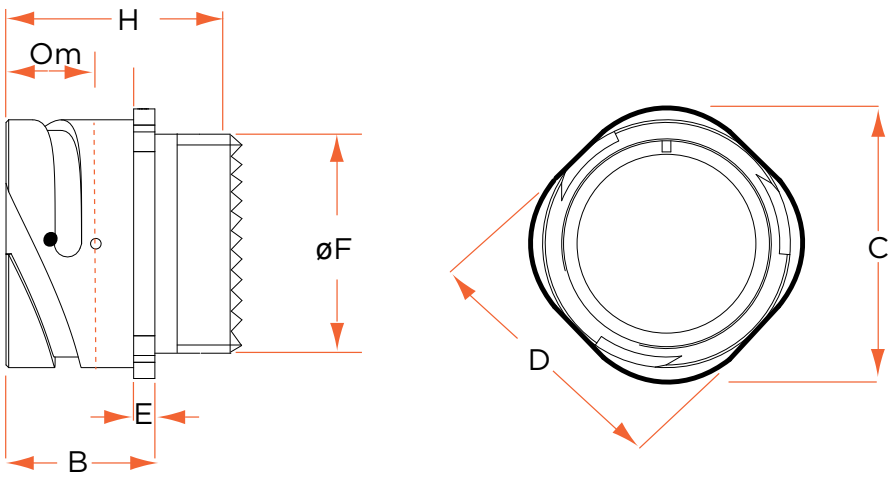
* Please consult TE for availability.



Metric
Imperial

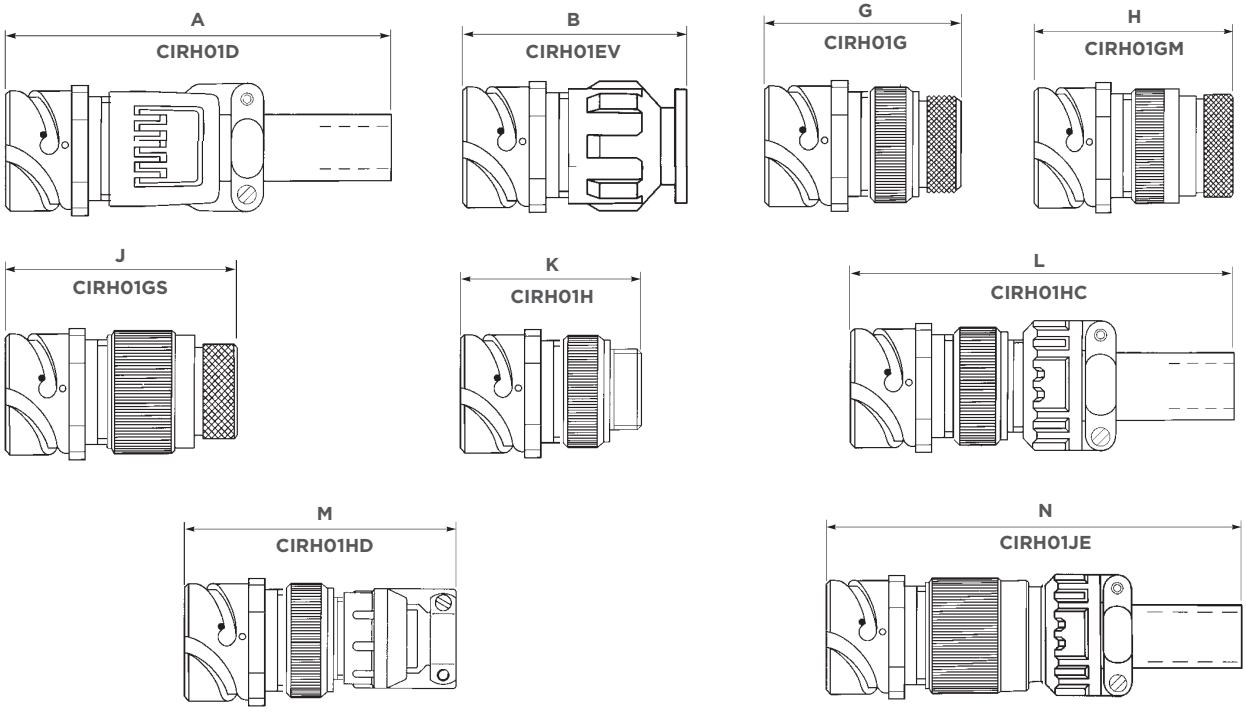
Shell Size	K	L	M	N	P	R	S	T	U
10SL	50,00 **1.969**	122,00 **4.803**	81,00 **3.189**	121,00 **4.764**	53,00 **2.087**	51,00 **2.008**	82,00 **3.228**	140,00 **5.512**	101,00 **3.976**
14S	50,00 **1.969**	118,00 **4.646**	81,00 **3.189**	118,00 **4.646**	56,00 **2.205**	51,00 **2.008**	82,00 **3.228**	137,00 **5.394**	101,00 **3.976**
16S	50,00 **1.969**	120,00 **4.724**	81,00 **3.189**	115,00 **4.528**	56,00 **2.205**	51,00 **2.008**	82,00 **3.228**	134,00 **5.276**	101,00 **3.976**
16	57,00 **2.244**	123,00 **4.843**	88,00 **3.465**	124,00 **4.882**	63,00 **2.480**	60,00 **2.362**	91,00 **3.583**	152,00 **5.984**	121,00 **4.764**
18	59,00 **2.323**	124,00 **4.882**	92,00 **3.622**	126,00 **4.961**	66,00 **2.598**	66,00 **2.598**	99,00 **3.898**	148,00 **5.827**	121,00 **4.764**
20	59,00 **2.323**	120,00 **4.724**	92,00 **3.622**	123,00 **4.843**	66,00 **2.598**	66,00 **2.598**	99,00 **3.898**	145,00 **5.709**	121,00 **4.764**
22	59,00 **2.323**	120,00 **4.724**	92,00 **3.622**	123,00 **4.843**	66,00 **2.598**	66,00 **2.598**	99,00 **3.898**	145,00 **5.709**	121,00 **4.764**
24	59,00 **2.323**	107,00 **4.213**	95,00 **3.740**	123,00 **4.843**	66,00 **2.598**	69,00 **2.716**	105,00 **4.134**	142,00 **5.591**	124,00 **4.882**
28	59,00 **2.323**	107,00 **4.213**	95,00 **3.740**	124,00 **4.882**	65,00 **2.559**	70,00 **2.756**	106,00 **4.173**	149,00 **5.866**	131,00 **5.157**
32	58,00 **2.283**	106,00 **4.173**	100,00 **3.937**	120,00 **4.724**	65,00 **2.559**	69,00 **2.716**	111,00 **4.370**	146,00 **5.748**	137,00 **5.394**
36	58,00 **2.283**	106,00 **4.173**	107,00 **4.213**	117,00 **4.606**	65,00 **2.559**	69,00 **2.716**	117,00 **4.606**	143,00 **5.630**	144,00 **5.669**
40	58,00 **2.283**	103,00 **4.055**	107,00 **4.213**	114,00 **4.488**	65,00 **2.559**	70,00 **2.756**	112,00 **4.409**	140,00 **5.512**	144,00 **5.669**

CABLE MOUNTED RECEPTACLE
STYLE: CIRH01T



Metric
Imperial

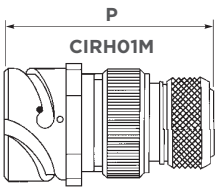
Shell Size	B Max	C Max	D Max	E Max	F Thread Dia. Class 2A	H Max	Om Min Overlap Mated
10SL	17,60 **0.693**	25,20 **0.992**	20,80 **0.819**	3,00 **0.118**	5/8" x 24 UNEF	28,78 **1.133**	11,10 **0.437**
14S	18,00 **0.709**	29,80 **1.173**	25,60 **1.008**	3,40 **0.134**	3/4" x 20 UNEF	28,78 **1.133**	11,10 **0.437**
16S	18,00 **0.709**	32,30 **1.272**	28,80 **1.134**	3,40 **0.134**	7/8" x 20 UNEF	28,78 **1.133**	11,10 **0.437**
16	22,80 **0.898**	32,30 **1.272**	28,80 **1.134**	3,40 **0.134**	7/8" x 20 UNEF	36,30 **1.429**	15,85 **0.624**
18	23,60 **0.929**	34,80 **1.370**	31,90 **1.256**	4,20 **0.165**	1" x 20 UNEF	36,30 **1.429**	15,85 **0.624**
20	23,60 **0.929**	37,80 **1.488**	35,10 **1.382**	4,20 **0.165**	1 1/8" x 18 UNEF	36,30 **1.429**	15,85 **0.624**
22	23,60 **0.929**	41,10 **1.618**	38,30 **1.508**	4,20 **0.165**	1 1/4" x 18 UNEF	36,30 **1.429**	15,75 **0.620**
24	25,20 **0.992**	44,60 **1.756**	41,50 **1.634**	4,20 **0.165**	1 3/8" x 18 UNEF	36,30 **1.429**	15,75 **0.620**
28	25,20 **0.992**	50,90 **2.004**	47,80 **1.882**	4,20 **0.165**	1 5/8" x 18 UNEF	36,30 **1.429**	15,75 **0.620**
32	26,80 **1.055**	57,10 **2.248**	54,20 **2.134**	4,20 **0.165**	1 7/8" x 16 UN	36,30 **1.429**	15,75 **0.620**
36	26,80 **1.055**	63,80 **2.512**	60,80 **2.394**	4,20 **0.165**	2 1/16" x 16 UNS	36,30 **1.429**	15,75 **0.620**
40	26,80 **1.055**	70,00 **2.756**	66,70 **2.626**	4,20 **0.165**	2 5/16" x 16 UN	36,30 **1.429**	15,75 **0.620**

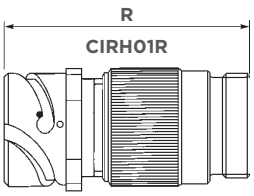


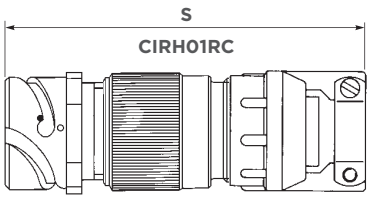
Metric
Imperial

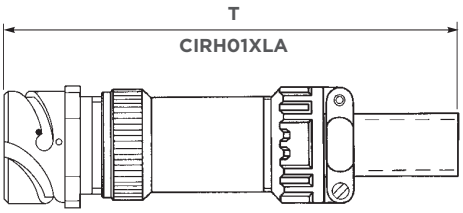
Shell Size	A	B	G	H	J	K	L	M	N
10SL	109,00 **4.291**	44,00 **1.732**	49,00 **1.929**	53,00 **2.087**	*	50,00 **1.696**	122,00 **4.803**	81,00 **3.189**	121,00 **4.764**
14S	107,00 **4.213**	44,00 **1.732**	49,00 **1.929**	53,00 **2.087**	*	50,00 **1.969**	118,00 **4.646**	81,00 **3.189**	118,00 **4.646**
16S	104,00 **4.094**	44,00 **1.732**	49,00 **1.929**	53,00 **2.087**	*	50,00 **1.969**	120,00 **4.724**	81,00 **3.189**	115,00 **4.528**
16	111,00 **4.370**	54,00 **2.126**	57,00 **2.244**	65,00 **2.559**	*	57,00 **2.244**	123,00 **4.843**	88,00 **3.465**	124,00 **4.882**
18	115,00 **4.528**	54,00 **2.126**	59,00 **2.323**	65,00 **2.559**	74,00 **2.913**	59,00 **2.323**	124,00 **4.882**	92,00 **3.622**	126,00 **4.961**
20	114,00 **4.488**	54,00 **2.126**	60,00 **2.362**	68,00 **2.677**	80,00 **3.150**	59,00 **2.323**	120,00 **4.724**	92,00 **3.622**	123,00 **4.843**
22	114,00 **4.488**	54,00 **2.126**	63,00 **2.480**	68,00 **2.677**	80,00 **3.150**	59,00 **2.323**	120,00 **4.724**	92,00 **3.622**	123,00 **4.843**
24	109,00 **4.291**	54,00 **2.126**	60,00 **2.362**	68,00 **2.677**	80,00 **3.150**	59,00 **2.323**	107,00 **4.213**	95,00 **3.740**	123,00 **4.843**
28	119,00 **4.685**	54,00 **2.126**	63,00 **2.480**	67,00 **2.638**	81,00 **3.189**	59,00 **2.323**	107,00 **4.213**	95,00 **3.740**	124,00 **4.882**
32	115,00 **4.528**	54,00 **2.126**	61,00 **2.402**	67,00 **2.638**	80,00 **3.189**	58,00 **2.283**	106,00 **4.173**	100,00 **3.937**	120,00 **4.724**
36	112,00 **4.409**	54,00 **2.126**	67,00 **2.638**	68,00 **2.677**	80,00 **3.189**	58,00 **2.283**	106,00 **4.173**	107,00 **4.213**	117,00 **4.606**
40	N/A	54,00 **2.126**	68,00 **2.677**	68,00 **2.677**	80,00 **3.189**	58,00 **2.283**	103,00 **4.055**	107,00 **4.213**	114,00 **4.488**

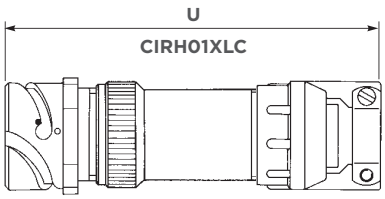
* Please consult TE for availability.





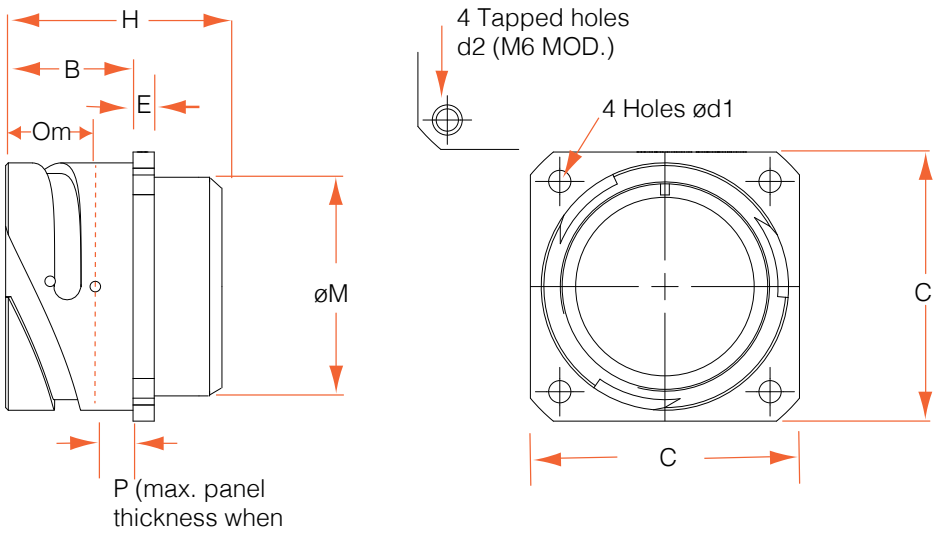






Metric
Imperial

Shell Size	P	R	S	T	U
10SL	53,00 **2.087**	51,00 **2.008**	82,00 **3.228**	140,00 **5.512**	101,00 **3.976**
14S	56,00 **2.205**	51,00 **2.008**	82,00 **3.228**	137,00 **5.394**	101,00 **3.976**
16S	56,00 **2.205**	51,00 **2.008**	82,00 **3.228**	134,00 **5.276**	101,00 **3.976**
16	56,00 **2.205**	60,00 **2.362**	91,00 **3.583**	152,00 **5.984**	121,00 **4.764**
18	63,00 **2.480**	66,00 **2.598**	99,00 **3.898**	148,00 **5.827**	121,00 **4.764**
20	66,00 **2.598**	66,00 **2.598**	99,00 **3.898**	145,00 **5.709**	121,00 **4.764**
22	66,00 **2.598**	66,00 **2.598**	99,00 **3.898**	145,00 **5.709**	121,00 **4.764**
24	66,00 **2.598**	69,00 **2.716**	105,00 **4.134**	142,00 **5.591**	124,00 **4.882**
28	66,00 **2.598**	70,00 **2.756**	106,00 **4.173**	149,00 **5.866**	131,00 **5.157**
32	66,00 **2.598**	69,00 **2.716**	111,00 **4.370**	146,00 **5.748**	137,00 **5.394**
36	66,00 **2.598**	69,00 **2.716**	117,00 **4.606**	143,00 **5.630**	144,00 **5.669**
40	66,00 **2.598**	70,00 **2.756**	112,00 **4.409**	140,00 **5.512**	144,00 **5.669**



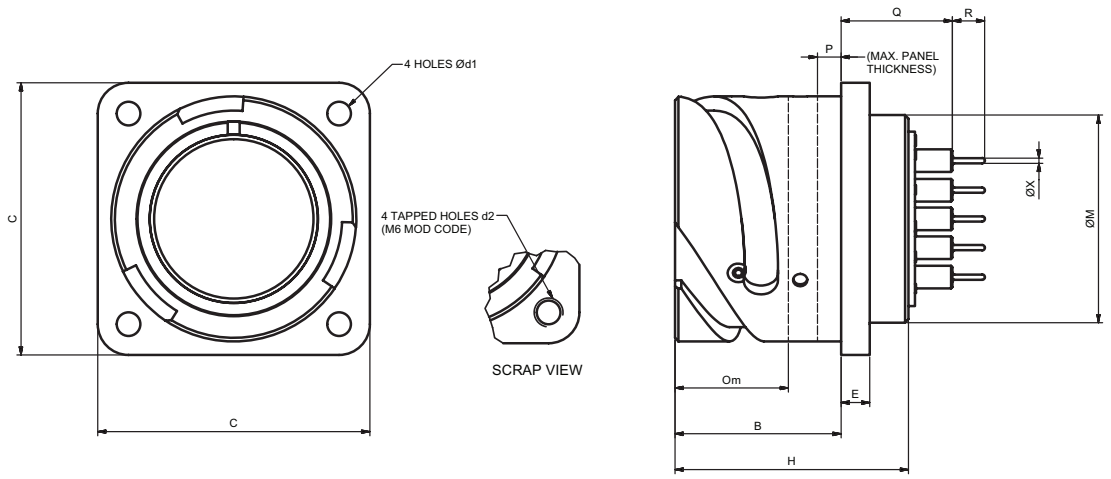
Metric
Imperial

Note: Maximum panel thickness when using cap head screws.
When using countersunk screws, maximum panel thickness = 7.5 mm.

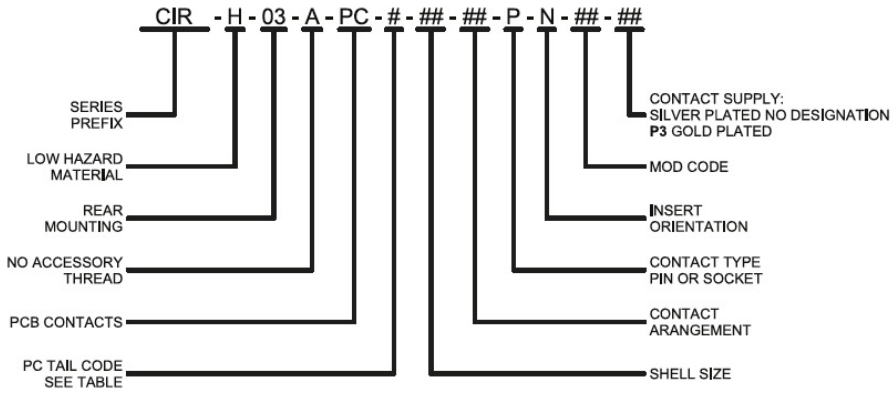
See page 90 for panel mounting details.

Shell Size	B Max	C Max	d1 +0,2 -0 +0.008-0	d2 Thread	E Max	M Max	H Max	P See Note	Om Min Overlap Mated
10SL	18,60 **0.732**	25,70 **1.012**	3,20 **0.126**	**M4** 0,7-6H	3,00 **0.118**	16,10 **0.634**	25,00 **0.99**	3,30 **0.130**	11,10 **0.437**
14S	18,60 **0.732**	30,30 **1.193**	3,20 **0.126**	**M4** 0,7-6H	3,40 **0.134**	19,20 **0.756**	25,00 **0.99**	3,30 **0.130**	11,10 **0.437**
16S	18,60 **0.732**	32,80 **1.291**	3,20 **0.126**	**M4** 0,7-6H	3,40 **0.134**	22,40 **0.882**	25,00 **0.99**	3,30 **0.130**	11,10 **0.437**
16	21,90 **0.862**	32,80 **1.291**	3,20 **0.126**	**M4** 0,7-6H	3,40 **0.134**	22,40 **0.882**	32,70 **1.28**	3,30 **0.130**	15,85 **0.624**
18	23,45 **0.923**	35,30 **1.390**	3,20 **0.126**	**M4** 0,7-6H	4,20 **0.165**	25,60 **1.008**	32,70 **1.28**	3,30 **0.130**	15,85 **0.624**
20	23,45 **0.923**	38,30 **1.508**	3,20 **0.126**	**M4** 0,7-6H	4,20 **0.165**	29,00 **1.142**	33,40 **1.32**	3,30 **0.130**	15,85 **0.624**
22	23,45 **0.923**	41,30 **1.626**	3,20 **0.126**	**M4** 0,7-6H	4,20 **0.165**	31,90 **1.250**	33,40 **1.32**	3,30 **0.130**	15,75 **0.620**
24	23,45 **0.923**	44,80 **1.764**	3,70 **0.146**	**M4** 0,7-6H	4,20 **0.165**	35,00 **1.380**	32,75 **1.29**	3,30 **0.130**	15,75 **0.620**
28	24,45 **0.963**	51,10 **2.012**	3,70 **0.146**	**M5** 0,8-6H	4,20 **0.165**	41,40 **1.630**	35,80 **1.41**	3,30 **0.130**	15,75 **0.620**
32	24,45 **0.963**	57,30 **2.256**	4,30 **0.169**	**M5** 0,8-6H	4,20 **0.165**	47,80 **1.882**	36,80 **1.45**	3,30 **0.130**	15,75 **0.620**
36	24,45 **0.963**	63,80 **2.512**	4,30 **0.169**	**M5** 0,8-6H	4,20 **0.165**	52,60 **2.071**	36,80 **1.45**	3,30 **0.130**	15,75 **0.620**
40	24,45 **0.963**	70,20 **2.764**	4,30 **0.169**	**M5** 0,8-6H	4,20 **0.165**	59,00 **2.323**	36,80 **1.45**	3,30 **0.130**	15,75 **0.620**

SQUARE FLANGE RECEPTACLE WITH PCB CONTACTS
REAR MOUNTING (NO ACCESSORY THREAD)
STYLE: CIRH03APC#/CIRH03APC#...M6



PART NUMBER BREAKDOWN



Metric
Imperial

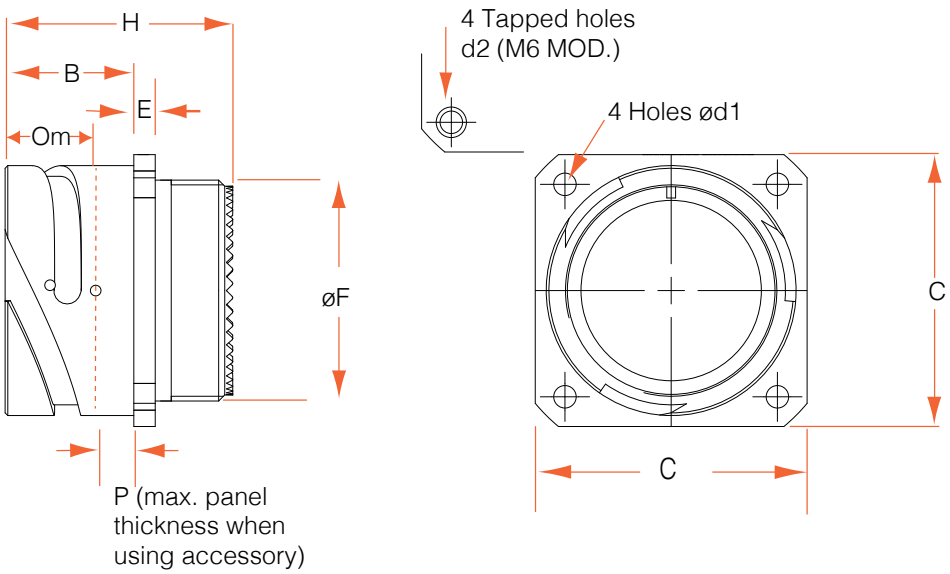
Note: Maximum panel thickness when using cap head screws.
When using countersunk screws, maximum panel thickness = 7.5 mm.

See page 90 for panel mounting details.

Shell Size	B Max	C Max	d1 +0,2 -0 +0.008-0	d2 Thread	E Max	M Max	H Max	P See Note	Om Min Overlap Mated
10SL	18,60 **0.732**	25,70 **1.012**	3,20 **0.126**	**M4** 0,7-6H	3,00 **0.118**	16,10 **0.634**	25,00 **0.990**	3,30 **0.130**	11,10 **0.437**
14S	18,60 **0.732**	30,30 **1.193**	3,20 **0.126**	**M4** 0,7-6H	3,40 **0.134**	19,20 **0.756**	25,00 **0.990**	3,30 **0.130**	11,10 **0.437**
16S	18,60 **0.732**	32,80 **1.291**	3,20 **0.126**	**M4** 0,7-6H	3,40 **0.134**	22,40 **0.882**	25,00 **0.990**	3,30 **0.130**	11,10 **0.437**
16	21,90 **0.862**	32,80 **1.291**	3,20 **0.126**	**M4** 0,7-6H	3,40 **0.134**	22,40 **0.882**	32,70 **1.280**	3,30 **0.130**	15,85 **0.624**
18	23,45 **0.923**	35,30 **1.390**	3,20 **0.126**	**M4** 0,7-6H	4,20 **0.165**	25.60 **1.008**	32,70 **1.280**	3,30 **0.130**	15,85 **0.624**
20	23,45 **0.923**	38,30 **1.508**	3,20 **0.126**	**M4** 0,7-6H	4,20 **0.165**	29.00 **1.142**	33.40 **1.320**	3,30 **0.130**	15,85 **0.624**
22	23,45 **0.923**	41,30 **1.626**	3,20 **0.126**	**M4** 0,7-6H	4,20 **0.165**	31.90 **1.250**	33.40 **1.320**	3,30 **0.130**	15,75 **0.620**
24	23,45 **0.923**	44,80 **1.764**	3,70 **0.146**	**M4** 0,7-6H	4,20 **0.165**	35.00 **1.380**	32.75 **1.290**	3,30 **0.130**	15,75 **0.620**
28	24,45 **0.963**	51,10 **2.012**	3,70 **0.146**	**M5** 0,8-6H	4,20 **0.165**	41.40 **1.630**	35.80 **1.410**	3,30 **0.130**	15,75 **0.620**
32	24,45 **0.963**	57,30 **2.256**	4,30 **0.169**	**M5** 0,8-6H	4,20 **0.165**	37,0 **1.46**	36.80 **1.450**	3,30 **0.130**	15,75 **0.620**
36	24,45 **0.963**	63,80 **2.512**	4,30 **0.169**	**M5** 0,8-6H	4,20 **0.165**	37,0 **1.46**	36.80 **1.450**	3,30 **0.130**	15,75 **0.620**
40	24,45 **0.963**	70,20 **2.764**	4,30 **0.169**	**M5** 0,8-6H	4,20 **0.165**	38,0 **1.50**	36.80 **1.450**	3,30 **0.130**	15,75 **0.620**

PC TAIL CODE TABLE			
PC CODE	Q ±0.88	R ±0.10	ØX Max
A	25,00 **0.984**	5,00 **0.197**	0,75 **0.030**
C	12,70 **0.500**	7,00 **0.276**	0,75 **0.030**
F *	15,00 **0.591**	4,50 **0.177**	0,75 **0.030**

*1) Use PC code F for standard tail length.
2) Other PC tails available - please add detail to chart above and consult TE



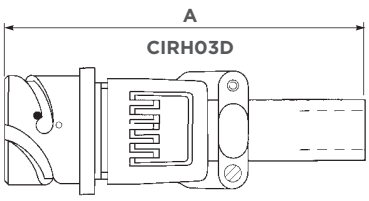
Metric
Imperial

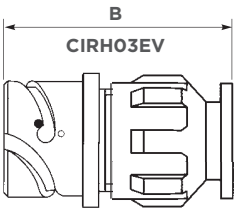
Note: Maximum panel thickness when using cap head screws.
When using countersunk screws, maximum panel thickness = 7.5 mm.

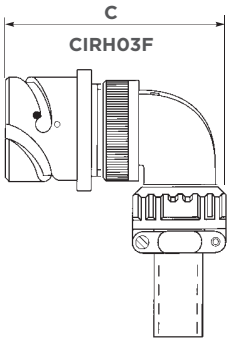
See page 90 for panel mounting details.

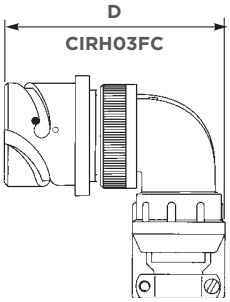
Shell Size	B Max	C Max	d1 +0,2 -0 **+0.008-0**	d2 Thread	E Max	F Thread Dia. Class 2A	H Max	P See Note	Om Min Overlap Mated
10SL	18,60 **0.732**	25,70 **1.012**	3,20 **0.126**	**M4** 0,7-6H	3,00 **0.118**	5/8" x 24 UNEF	30,0 **1.19**	3,30 **0.130**	11,10 **0.437**
14S	18,60 **0.732**	30,30 **1.193**	3,20 **0.126**	**M4** 0,7-6H	3,40 **0.134**	3/4" x 20 UNEF	30,0 **1.19**	3,30 **0.130**	11,10 **0.437**
16S	18,60 **0.732**	32,80 **1.291**	3,20 **0.126**	**M4** 0,7-6H	3,40 **0.134**	7/8" x 20 UNEF	30,0 **1.19**	3,30 **0.130**	11,10 **0.437**
16	21,90 **0.862**	32,80 **1.291**	3,20 **0.126**	**M4** 0,7-6H	3,40 **0.134**	7/8" x 20 UNEF	37,0 **1.46**	3,30 **0.130**	15,85 **0.624**
18	23,45 **0.923**	35,30 **1.390**	3,20 **0.126**	**M4** 0,7-6H	4,20 **0.165**	1" x 20 UNEF	37,0 **1.46**	3,30 **0.130**	15,85 **0.624**
20	23,45 **0.923**	38,30 **1.508**	3,20 **0.126**	**M4** 0,7-6H	4,20 **0.165**	1 1/8" x 18 UNEF	37,0 **1.46**	3,30 **0.130**	15,85 **0.624**
22	23,45 **0.923**	41,30 **1.626**	3,20 **0.126**	**M4** 0,7-6H	4,20 **0.165**	1 1/4" x 18 UNEF	37,0 **1.46**	3,30 **0.130**	15,75 **0.620**
24	23,45 **0.923**	44,80 **1.764**	3,70 **0.146**	**M4** 0,7-6H	4,20 **0.165**	1 3/8" x 18 UNEF	37,0 **1.46**	3,30 **0.130**	15,75 **0.620**
28	24,45 **0.963**	51,10 **2.012**	3,70 **0.146**	**M5** 0,8-6H	4,20 **0.165**	1 5/8" x 18 UNEF	37,0 **1.46**	3,30 **0.130**	15,75 **0.620**
32	24,45 **0.963**	57,30 **2.256**	4,30 **0.169**	**M5** 0,8-6H	4,20 **0.165**	1 7/8" x 16 UN	37,0 **1.46**	3,30 **0.130**	15,75 **0.620**
36	24,45 **0.963**	63,80 **2.512**	4,30 **0.169**	**M5** 0,8-6H	4,20 **0.165**	2 1/16" x 16 UNS	37,0 **1.46**	3,30 **0.130**	15,75 **0.620**
40	24,45 **0.963**	70,20 **2.764**	4,30 **0.169**	**M5** 0,8-6H	4,20 **0.165**	2 5/16" x 16 UN	38,0 **1.50**	3,30 **0.130**	15,75 **0.620**

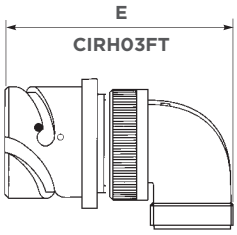
CIRH '03' STYLE
CONNECTOR & ACCESSORY

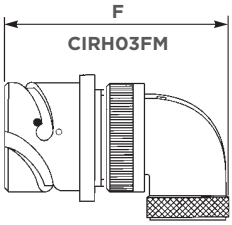


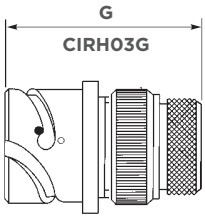


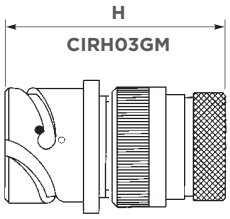


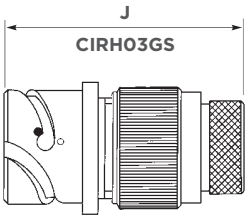








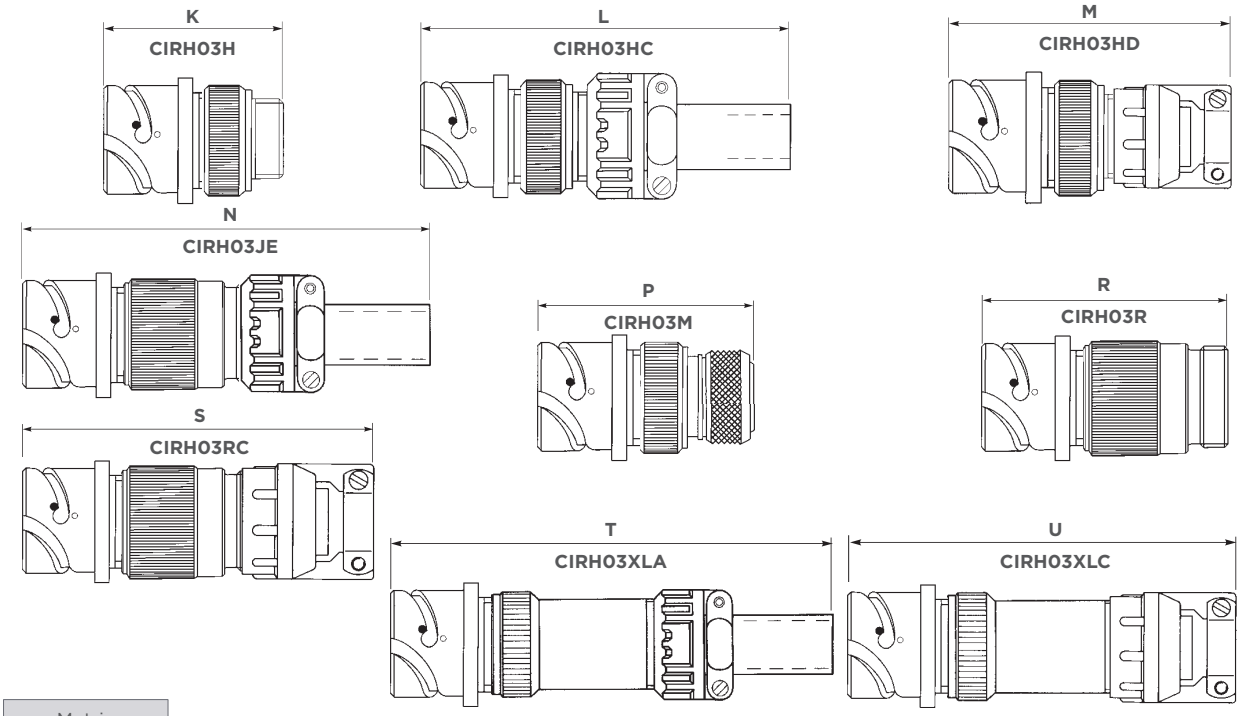




Metric
Imperial

Shell Size	A	B	C	D	E	F	G	H	J
10SL	109,00 **4.291**	44,00 **1.732**	58,00 **2.283**	58,00 **2.283**	55,00 **2.165**	55,00 **2.165**	50,00 **1.968**	54,00 **2.126**	*
14S	108,00 **4.252**	44,00 **1.732**	61,00 **2.402**	61,00 **2.402**	57,00 **2.244**	57,00 **2.244**	50,00 **1.968**	54,00 **2.126**	*
16S	105,00 **4.134**	44,00 **1.732**	65,00 **2.559**	65,00 **2.559**	61,00 **2.402**	61,00 **2.402**	50,00 **1.968**	54,00 **2.126**	*
16	117,00 **4.606**	60,00 **2.362**	77,00 **3.031**	77,00 **3.031**	73,00 **2.874**	73,00 **2.874**	63,00 **2.480**	70,00 **2.756**	*
18	121,00 **4.764**	60,00 **2.362**	82,00 **3.228**	82,00 **3.228**	78,00 **3.071**	78,00 **3.071**	65,00 **2.559**	70,00 **2.756**	80,00 **3.150**
20	120,00 **4.724**	60,00 **2.362**	87,00 **3.425**	88,00 **3.465**	83,00 **3.268**	83,00 **3.268**	66,00 **2.598**	74,00 **2.913**	86,00 **3.386**
22	120,00 **4.724**	60,00 **2.362**	87,00 **3.425**	88,00 **3.465**	83,00 **3.268**	83,00 **3.268**	68,00 **2.677**	74,00 **2.913**	86,00 **3.386**
24	114,00 **4.488**	60,00 **2.362**	95,00 **3.740**	95,00 **3.740**	91,00 **3.583**	91,00 **3.583**	66,00 **2.598**	74,00 **2.913**	86,00 **3.386**
28	124,00 **4.882**	60,00 **2.362**	94,00 **3.700**	94,00 **3.700**	90,00 **3.543**	90,00 **3.543**	68,00 **2.677**	73,00 **2.874**	87,00 **3.425**
32	121,00 **4.764**	60,00 **2.362**	104,00 **4.094**	107,00 **4.213**	100,00 **3.937**	100,00 **3.937**	67,00 **2.638**	73,00 **2.874**	86,00 **3.386**
36	118,00 **4.646**	60,00 **2.362**	110,00 **4.331**	111,00 **4.370**	106,00 **4.173**	106,00 **4.173**	72,00 **2.835**	74,00 **2.913**	88,00 **3.465**
40	NA	60,00 **2.362**	117,00 **4.606**	117,00 **4.606**	113,00 **4.449**	113,00 **4.449**	74,00 **2.913**	74,00 **2.913**	88,00 **3.465**

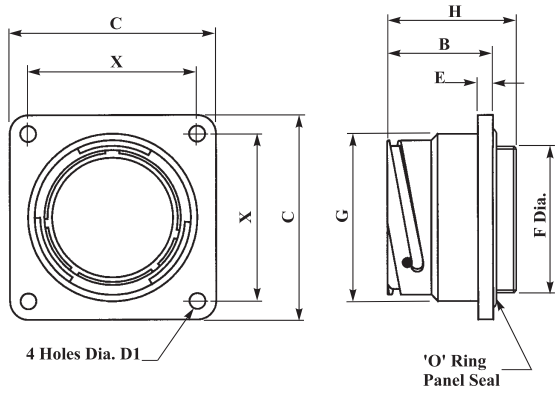
* Please consult TE for availability.



Metric
Imperial

Shell Size	K	L	M	N	P	R	S	T	U
10SL	50,00 **1.969**	123,00 **4.843**	81,00 **3.189**	122,00 **4.803**	54,00 **2.126**	52,00 **2.047**	83,00 **3.268**	141,00 **5.551**	102,00 **4.016**
14S	50,00 **1.969**	119,00 **4.685**	81,00 **3.189**	118,00 **4.646**	56,00 **2.205**	52,00 **2.047**	83,00 **3.268**	138,00 **5.433**	102,00 **4.016**
16S	50,00 **1.969**	121,00 **4.764**	81,00 **3.189**	115,00 **4.528**	56,00 **2.205**	52,00 **2.047**	83,00 **3.268**	135,00 **5.315**	102,00 **4.016**
16	63,00 **2.480**	129,00 **5.079**	94,00 **3.700**	129,00 **5.079**	69,00 **2.716**	66,00 **2.598**	97,00 **3.819**	157,00 **6.181**	126,00 **4.961**
18	65,00 **2.559**	130,00 **5.118**	97,00 **3.819**	132,00 **5.197**	72,00 **2.835**	72,00 **2.835**	104,00 **4.094**	154,00 **6.063**	126,00 **4.961**
20	65,00 **2.559**	126,00 **4.961**	97,00 **3.819**	129,00 **5.079**	72,00 **2.835**	72,00 **2.835**	104,00 **4.094**	151,00 **5.945**	126,00 **4.961**
22	65,00 **2.559**	126,00 **4.961**	97,00 **3.819**	129,00 **5.079**	72,00 **2.835**	72,00 **2.835**	104,00 **4.094**	151,00 **5.945**	126,00 **4.961**
24	65,00 **2.559**	113,00 **4.449**	101,00 **3.976**	129,00 **5.079**	72,00 **2.835**	75,00 **2.593**	110,00 **4.331**	148,00 **5.827**	130,00 **5.118**
28	65,00 **2.559**	113,00 **4.449**	101,00 **3.976**	130,00 **5.118**	71,00 **2.795**	76,00 **2.992**	111,00 **4.370**	155,00 **6.102**	137,00 **5.394**
32	64,00 **2.520**	112,00 **4.409**	106,00 **4.173**	125,00 **4.921**	71,00 **2.795**	75,00 **2.593**	117,00 **4.606**	152,00 **5.984**	143,00 **5.630**
36	64,00 **2.520**	112,00 **4.409**	112,00 **4.409**	122,00 **4.803**	71,00 **2.795**	75,00 **2.593**	123,00 **4.842**	148,00 **5.827**	149,00 **5.866**
40	64,00 **2.520**	109,00 **4.291**	112,00 **4.409**	120,00 **4.724**	71,00 **2.795**	76,00 **2.992**	118,00 **4.646**	145,00 **5.709**	149,00 **5.866**

SIZE 49 SQUARE FLANGE FRONT MOUNTING RECEPTACLE NO ACCESSORY OR WITH GROMMET & GROMMET NUT STYLES: CIRH04T OR CIRH04EV

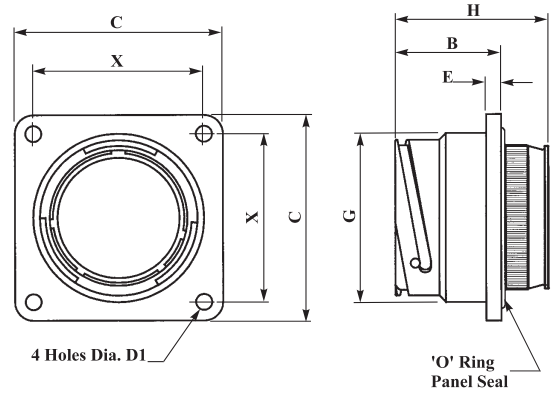


Metric
Imperial

CIRH04T

See page 90 for panel mounting details

Shell Size	B	C	D1 +0,2 -0 **+0.008-0**	E	F Thread Dia. Class 2A	G Dia.	H	X
49	56,50 **2.224**	110,00 **4.330**	8,50 **0.335**	8,00 **0.315**	2 7/8" x 16 UN	90,00 **3.543**	62,50 **2.460**	90,00 **3.543**



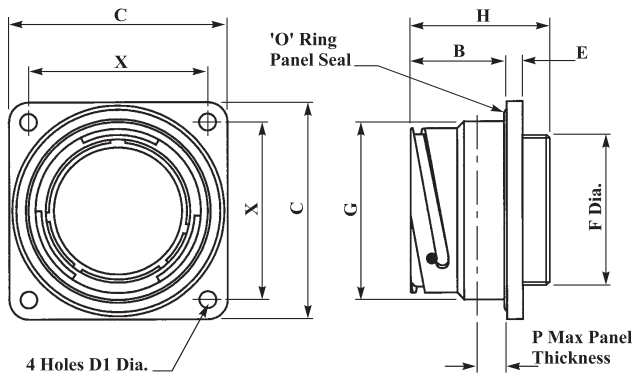
Metric
Imperial

CIRH04EV

See page 90 for panel mounting details

Shell Size	B	C	D1 +0,2 -0 **+0.008-0**	E	G Dia.	H	X
49	56,50 **2.224**	110,00 **4.330**	8,50 **0.335**	8,00 **0.315**	90,00 **3.543**	81,50 3.209	90,00 **3.543**

SIZE 49 SQUARE FLANGE REAR MOUNTING RECEPTACLE NO ACCESSORY OR WITH GROMMET & GROMMET NUT STYLES: CIRH05T OR CIRH05EV

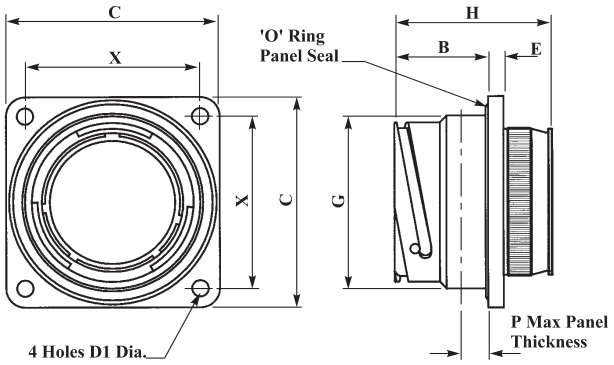


Metric
Imperial

CIRH05T

See page 90 for panel mounting details

Shell Size	B	C	D1 +0,2 -0 **+0.008-0**	E	F Thread Dia. Class 2A	G Dia.	H	P	X
49	56,50 **2.224**	110,00 **4.330**	8,50 **0.335**	8,00 **0.315**	2 7/8" x 16 UN	90,00 **3.543**	62,50 **2.460**	15,00 **0.590**	90,00 **3.543**



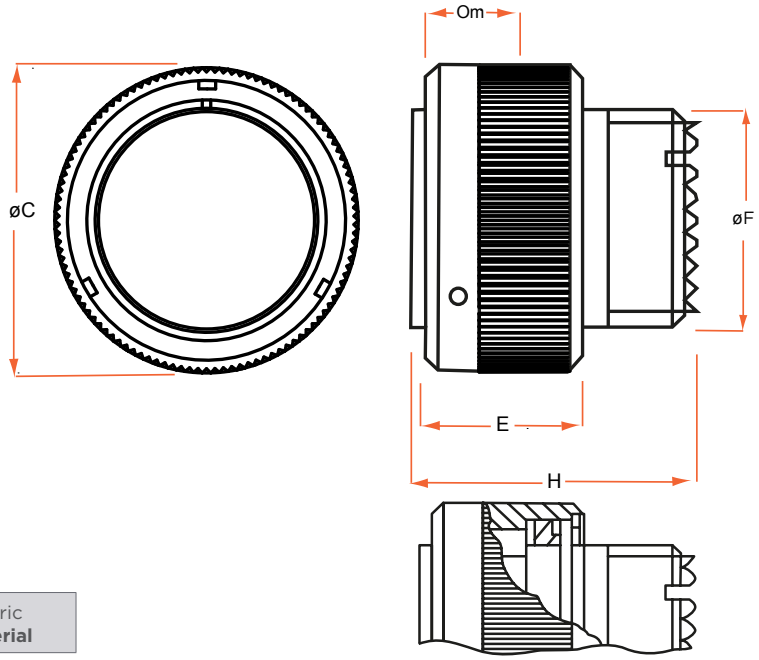
Metric
Imperial

CIRH05EV

See page 90 for panel mounting details

Shell Size	B	C	D1 +0,2 -0 **+0.008-0**	E	G Dia.	H	P	X
49	56,50 **2.224**	110,00 **4.330**	8,50 **0.335**	8,00 **0.315**	90,00 **3.543**	62,50 **2.460**	15,00 **0.590**	90,00 **3.543**

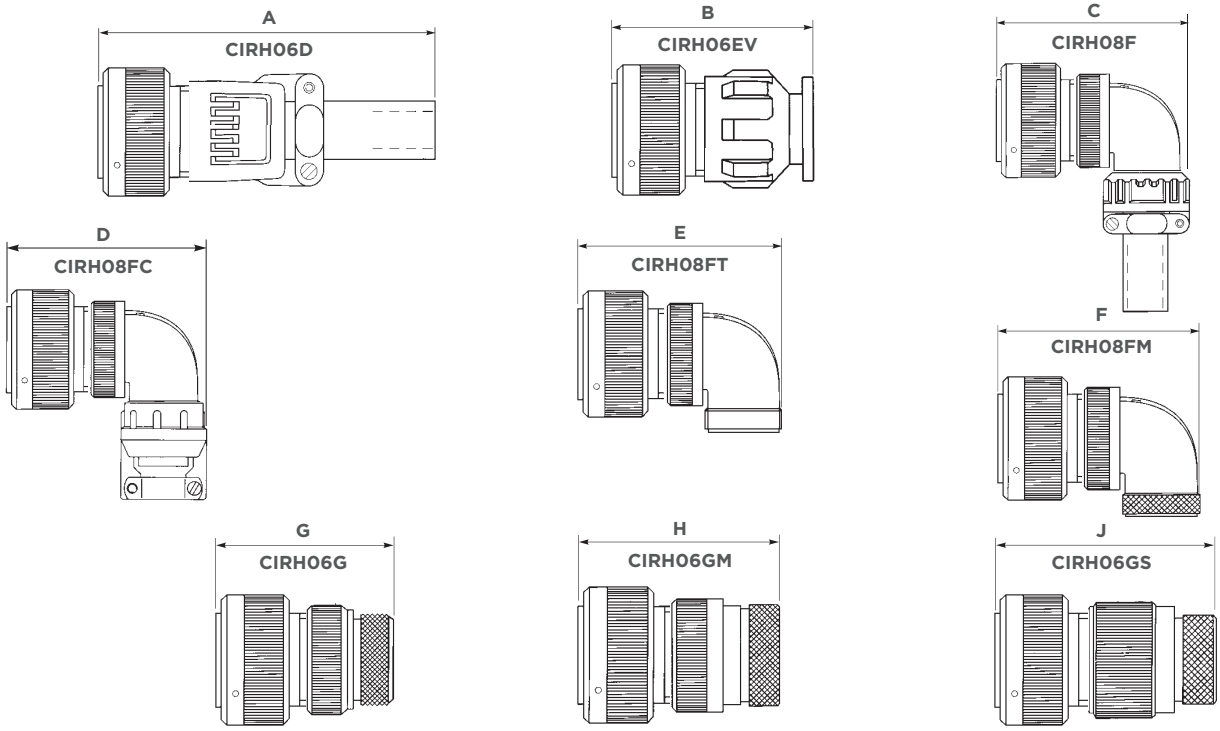
PLUG - FINE KNURL COUPLING NUT
STYLE: CIRH06T/CIRHSE06T



CIRHSE06T with
Screening Facility

Metric
Imperial

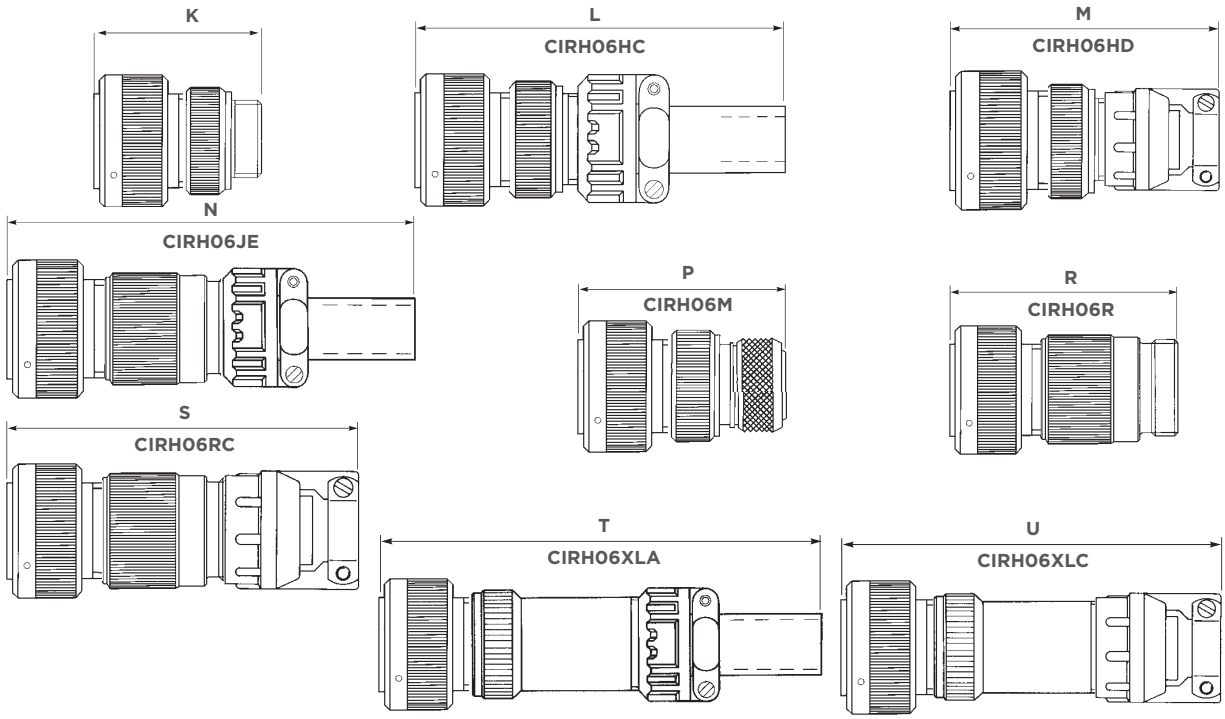
Shell Size	C Max	E Max	F Thread Dia. Class 2A	H Max	Om Min Overlap Mated
10SL	24,20 **0.953**	17,50 **0.689**	$^{5}/_{8}$" x 24 UNEF	28,95 **1.140**	11,10 **0.437**
14S	30,60 **1.205**	17,50 **0.689**	$^{3}/_{4}$" x 20 UNEF	28,95 **1.140**	11,10 **0.437**
16S	33,40 **1.315**	17,50 **0.689**	$^{7}/_{8}$" x 20 UNEF	28,95 **1.140**	11,10 **0.437**
16	33,40 **1.315**	24,00 **0.945**	$^{7}/_{8}$" x 20 UNEF	36,40 **1.433**	15,85 **0.624**
18	37,30 **1.468**	24,00 **0.945**	1" x 20 UNEF	36,40 **1.433**	15,85 **0.624**
20	40,70 **1.602**	24,00 **0.945**	1 $^{1}/_{8}$" x 18 UNEF	36,40 **1.433**	15,85 **0.624**
22	44,20 **1.740**	24,00 **0.945**	1 $^{1}/_{4}$" x 18 UNEF	36,40 **1.433**	15,85 **0.624**
24	47,70 **1.878**	24,00 **0.945**	1 $^{3}/_{8}$" x 18 UNEF	36,40 **1.433**	15,75 **0.620**
28	54,50 **2.146**	24,00 **0.945**	1 $^{5}/_{8}$" x 18 UNEF	36,40 **1.433**	15,75 **0.620**
32	61,40 **2.417**	27,00 **1.063**	1 $^{7}/_{8}$" x 16 UN	36,40 **1.433**	15,75 **0.620**
36	68,00 **2.677**	27,00 **1.063**	2 $^{1}/_{16}$" x 16 UNS	36,40 **1.433**	15,75 **0.620**
40	74,00 **2.913**	27,00 **1.063**	2 $^{5}/_{16}$" x 16 UN	36,40 **1.433**	15,75 **0.620**



Metric
Imperial

Shell Size	A	B	C	D	E	F	G	H	J
10SL	109,00 **4.291**	44,00 **1.732**	57,00 **2.244**	58,00 **2.283**	54,00 **2.126**	54,00 **2.126**	50,00 **1.969**	54,00 **2.126**	*
14S	107,00 **4.213**	44,00 **1.732**	61,00 **2.402**	60,00 **2.362**	56,00 **2.205**	57,00 **2.244**	50,00 **1.969**	54,00 **2.126**	*
16S	104,00 **4.094**	44,00 **1.732**	64,00 **2.520**	64,00 **2.520**	60,00 **2.362**	60,00 **2.362**	50,00 **1.969**	54,00 **2.126**	*
16	111,00 **4.370**	54,00 **2.126**	71,00 **2.795**	71,00 **2.795**	68,00 **2.677**	68,00 **2.677**	57,00 **2.244**	65,00 **2.559**	*
18	115,00 **4.528**	54,00 **2.126**	76,00 **2.992**	76,00 **2.992**	72,00 **2.835**	72,00 **2.835**	59,00 **2.323**	65,00 **2.559**	74,00 **2.913**
20	114,00 **4.488**	54,00 **2.126**	81,00 **3.190**	82,00 **3.228**	77,00 **3.031**	78,00 **3.071**	60,00 **2.362**	68,00 **2.677**	80,00 **3.150**
22	114,00 **4.488**	54,00 **2.126**	81,00 **3.190**	119,00 **4.685**	78,00 **3.071**	78,00 **3.071**	63,00 **2.480**	68,00 **2.677**	80,00 **3.150**
24	109,00 **4.291**	54,00 **2.126**	89,00 **3.504**	90,00 **3.543**	86,00 **3.386**	86,00 **3.386**	60,00 **2.362**	68,00 **2.677**	80,00 **3.150**
28	119,00 **4.685**	54,00 **2.126**	88,00 **3.465**	89,00 **3.504**	85,00 **3.346**	85,00 **3.346**	63,00 **2.480**	67,00 **2.638**	81,00 **3.189**
32	116,00 **4.567**	54,00 **2.126**	98,00 **3.858**	101,00 **3.976**	95,00 **3.740**	95,00 **3.740**	62,00 **2.441**	67,00 **2.638**	80,00 **3.150**
36	112,00 **4.409**	54,00 **2.126**	104,00 **4.094**	105,00 **4.134**	101,00 **3.976**	101,00 **3.976**	67,00 **2.638**	68,00 **2.677**	80,00 **3.150**
40	N/A	54,00 **2.126**	111,00 **4.370**	112,00 **4.409**	107,00 **4.213**	107,00 **4.213**	68,00 **2.677**	68,00 **2.677**	80,00 **3.150**

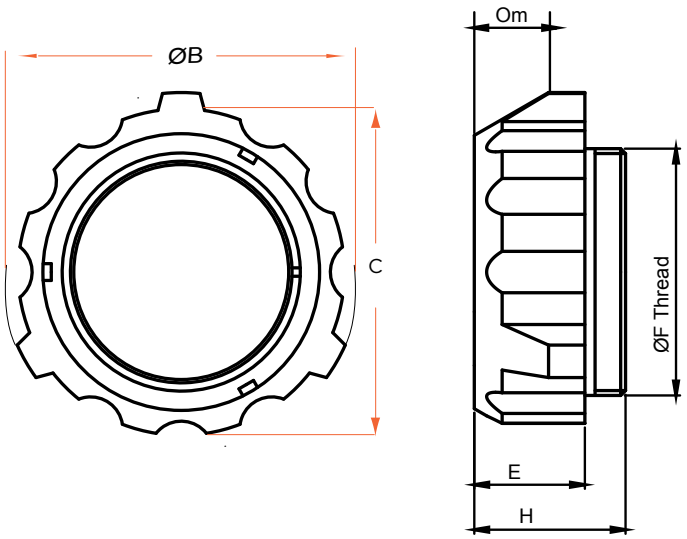
* Please consult TE for availability.



Metric
Imperial

Shell Size	K	L	M	N	P	R	S	T	U
10SL	50,00 **1.969**	122,00 **4.803**	81,00 **3.189**	121,00 **4.764**	53,00 **2.087**	51,00 **2.008**	82,00 **3.228**	140,00 **5.512**	101,00 **3.976**
14S	50,00 **1.969**	119,00 **4.685**	81,00 **3.189**	118,00 **4.646**	56,00 **2.205**	51,00 **2.008**	82,00 **3.228**	137,00 **5.394**	101,00 **3.976**
16S	50,00 **1.969**	120,00 **4.724**	81,00 **3.189**	115,00 **4.528**	56,00 **2.205**	51,00 **2.008**	82,00 **3.228**	134,00 **5.276**	101,00 **3.976**
16	57,00 **2.244**	123,00 **4.843**	88,00 **3.465**	124,00 **4.882**	63,00 **2.480**	60,00 **2.362**	91,00 **3.583**	152,00 **5.984**	121,00 **4.764**
18	59,00 **2.323**	124,00 **4.882**	92,00 **3.622**	127,00 **5.000**	66,00 **2.598**	66,00 **2.598**	99,00 **3.898**	149,00 **5.866**	121,00 **4.764**
20	59,00 **2.323**	120,00 **4.724**	92,00 **3.622**	123,00 **4.843**	66,00 **2.598**	66,00 **2.598**	99,00 **3.898**	145,00 **5.709**	121,00 **4.764**
22	59,00 **2.323**	120,00 **4.724**	92,00 **3.622**	123,00 **4.843**	66,00 **2.598**	66,00 **2.598**	99,00 **3.898**	145,00 **5.709**	121,00 **4.764**
24	59,00 **2.323**	107,00 **4.213**	95,00 **3.740**	123,00 **4.843**	66,00 **2.598**	69,00 **2.717**	105,00 **4.134**	142,00 **5.591**	124,00 **4.882**
28	59,00 **2.323**	107,00 **4.213**	95,00 **3.740**	124,00 **4.882**	65,00 **2.559**	70,00 **2.756**	106,00 **4.173**	149,00 **5.866**	131,00 **5.157**
32	58,00 **2.283**	106,00 **4.173**	100,00 **3.937**	120,00 **4.724**	65,00 **2.559**	69,00 **2.717**	111,00 **4.370**	146,00 **5.748**	137,00 **5.394**
36	58,00 **2.283**	106,00 **4.173**	107,00 **4.213**	117,00 **4.606**	65,00 **2.559**	69,00 **2.717**	117,00 **4.606**	143,00 **5.630**	144,00 **5.669**
40	58,00 **2.283**	103,00 **4.055**	107,00 **4.213**	114,00 **4.488**	65,00 **2.559**	70,00 **2.756**	112,00 **4.409**	140,00 **5.512**	144,00 **5.669**

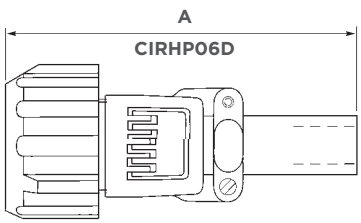
PLUG RUBBER COVERED COUPLING NUT
STYLE: CIRHP06T/CIRHPSE06T

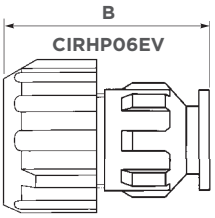


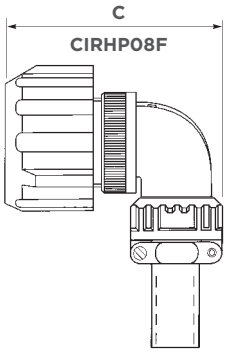
Metric
Imperial

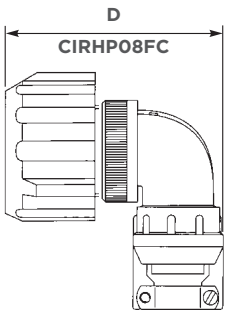
Shell Size	B Max	C Max	E Max	F Thread Dia. Class 2A	H Max	Om Min Overlap Mated
***10SL**	33,50 **1.319**	28,50 **1.122**	19,40 **0.764**	$^{5}/_{8}$" x 24 UNEF	29,55 **1.163**	13,10 **0.516**
***14S**	40,20 **1.583**	35,20 **1.386**	19,40 **0.764**	$^{3}/_{4}$" x 20 UNEF	29,55 **1.163**	13,10 **0.516**
***16S**	43,88 **1.726**	38,90 **1.531**	19,40 **0.764**	$^{7}/_{8}$" x 20 UNEF	29,55 **1.163**	13,10 **0.516**
***16**	43,88 **1.726**	38,90 **1.531**	27,10 **1.067**	$^{7}/_{8}$" x 20 UNEF	37,07 **1.459**	17,85 **0.703**
18	49,00 **1.929**	43,50 **1.713**	27,10 **1.067**	1" x 20 UNEF	37,07 **1.459**	17,85 **0.703**
20	51,50 **2.026**	46,00 **1.811**	27,10 **1.067**	1 $^{1}/_{8}$" x 18 UNEF	37,07 **1.459**	17,85 **0.703**
22	56,00 **2.205**	50,50 **1.988**	27,10 **1.067**	1 $^{1}/_{4}$" x 18 UNEF	37,07 **1.459**	17,85 **0.703**
24	60,00 **2.362**	54,00 **2.126**	27,10 **1.067**	1 $^{3}/_{8}$" x 18 UNEF	37,07 **1.459**	17,75 **0.669**
***28**	67,00 **2.638**	61,00 **2.402**	27,10 **1.067**	1 $^{5}/_{8}$" x 18 UNEF	37,07 **1.459**	17,75 **0.669**
***32**	76,00 **2.992**	67,60 **2.661**	27,10 **1.067**	1 $^{7}/_{8}$" x 16 UN	37,07 **1.459**	17,75 **0.669**
36	82,30 **3.240**	74,30 **2.925**	27,10 **1.067**	2 $^{1}/_{16}$" x 16 UNS	37,07 **1.459**	17,75 **0.669**
40	88,00 **3.465**	80,00 **3.150**	27,10 **1.067**	2 $^{5}/_{16}$" x 16 UN	37,07 **1.459**	17,75 **0.669**

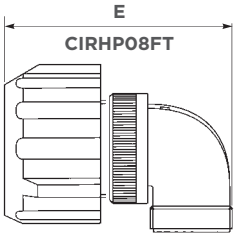
* Please consult TE for availability.

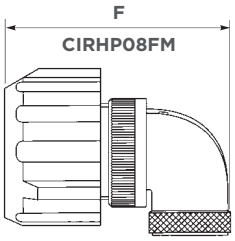


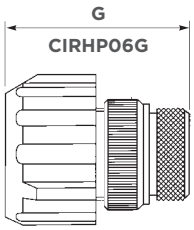


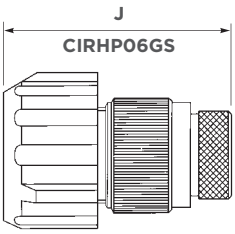








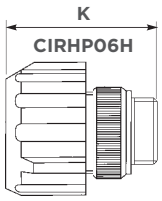


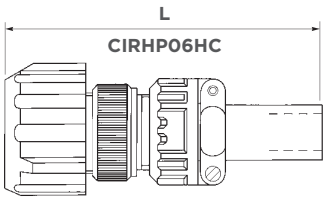


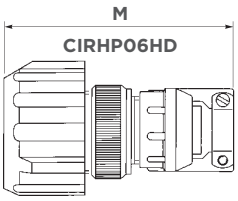
Metric
Imperial

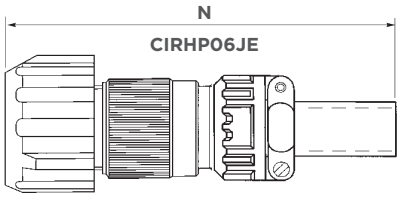
Shell Size	A	B	C	D	E	F	G	J
*10SL	109,00 4.291	44,00 **1.732**	58,00 **2.283**	58,00 **2.283**	55,00 **2.165**	55,00 **2.165**	50,00 **1.969**	*
*14S	108,00 **4.252**	44,00 **1.732**	61,00 **2.402**	61,00 **2.402**	57,00 **2.244**	57,00 **2.244**	50,00 **1.969**	*
*16S	105,00 **4.134**	44,00 **1.732**	65,00 **2.559**	65,00 **2.559**	61,00 **2.402**	61,00 **2.402**	50,00 **1.969**	*
*16	112,00 **4.409**	55,00 **2.165**	72,00 **2.835**	72,00 **2.835**	68,00 **2.677**	68,00 **2.677**	58,00 **2.283**	*
18	116,00 **4.567**	55,00 **2.165**	77,00 **3.031**	77,00 **3.031**	73,00 **2.874**	73,00 **2.874**	60,00 **2.362**	75,00 **2.953**
20	115,00 **4.528**	55,00 **2.165**	82,00 **3.228**	83,00 **3.268**	78,00 **3.071**	78,00 **3.071**	61,00 **2.402**	81,00 **3.189**
22	115,00 **4.528**	55,00 **2.165**	82,00 **3.228**	83,00 **3.268**	78,00 **3.071**	78,00 **3.071**	64,00 **2.520**	81,00 **3.189**
24	109,00 **4.291**	55,00 **2.165**	90,00 **3.543**	90,00 **3.543**	86,00 **3.386**	86,00 **3.386**	61,00 **2.402**	81,00 **3.189**
*28	119,00 **4.685**	55,00 **2.165**	89,00 **3.504**	89,00 **3.504**	85,00 **3.346**	85,00 **3.346**	64,00 **2.520**	82,00 **3.228**
*32	116,00 **4.567**	55,00 **2.165**	99,00 **3.898**	102,00 **4.016**	95,00 **3.740**	95,00 **3.740**	62,00 **2.441**	81,00 **3.189**
36	113,00 **4.449**	55,00 **2.165**	105,00 **4.134**	106,00 **4.173**	101,00 **3.976**	101,00 **3.976**	67,00 **2.638**	81,00 **3.189**
40	NA	55,00 **2.165**	112,00 **4.409**	112,00 **4.409**	108,00 **4.252**	108,00 **4.252**	69,00 **2.717**	81,00 **3.189**

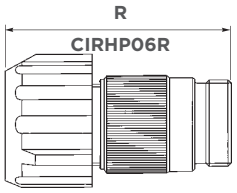
* Please consult TE for availability.

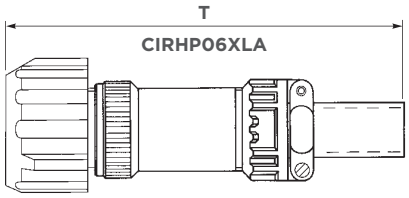


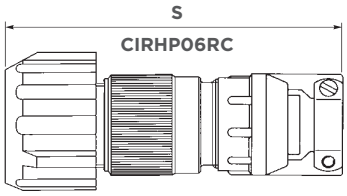


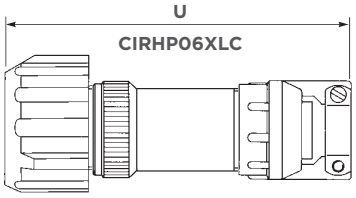










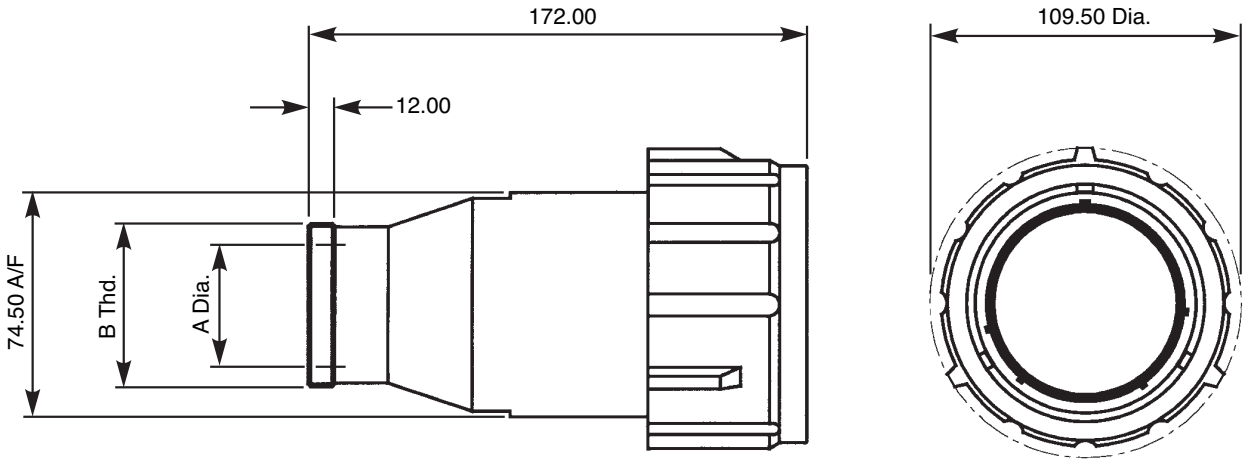


Metric
Imperial

Shell Size	K	L	M	N	R	S	T	U
*10SL	51,00 **2.008**	123,00 **4.843**	81,00 **3.189**	122,00 **4.803**	52,00 **2.047**	83,00 **3.268**	140,00 **5.512**	102,00 **4.016**
*14S	51,00 **2.008**	119,00 **4.685**	81,00 **3.189**	119,00 **4.685**	52,00 **2.047**	83,00 **3.268**	138,00 **5.433**	102,00 **4.016**
*16S	51,00 **2.008**	121,00 **4.764**	81,00 **3.189**	115,00 **4.528**	52,00 **2.047**	83,00 **3.268**	135,00 **5.315**	102,00 **4.016**
*16	58,00 **2.283**	124,00 **4.882**	89,00 **3.504**	124,00 **4.882**	61,00 **2.402**	92,00 **3.622**	152,00 **5.984**	121,00 **4.764**
18	60,00 **2.362**	125,00 **4.921**	93,00 **3.661**	127,00 **5.000**	67,00 **2.638**	99,00 **3.898**	149,00 **5.866**	121,00 **4.764**
20	60,00 **2.362**	121,00 **4.764**	93,00 **3.661**	124,00 **4.882**	67,00 **2.638**	99,00 **3.898**	146,00 **5.748**	121,00 **4.764**
22	60,00 **2.362**	121,00 **4.764**	93,00 **3.661**	124,00 **4.882**	67,00 **2.638**	99,00 **3.898**	146,00 **5.748**	121,00 **4.764**
24	60,00 **2.362**	108,00 **4.252**	96,00 **3.780**	124,00 **4.882**	70,00 **2.756**	106,00 **4.173**	143,00 **5.630**	125,00 **4.921**
*28	60,00 **2.362**	108,00 **4.252**	96,00 **3.780**	125,00 **4.921**	71,00 **2.795**	106,00 **4.173**	150,00 **5.906**	132,00 **5.197**
*32	59,00 **2.323**	107,00 **4.213**	101,00 **3.976**	121,00 **4.764**	70,00 **2.756**	112,00 **4.409**	147,00 **5.787**	138,00 **5.433**
36	59,00 **2.323**	107,00 **4.213**	107,00 **4.213**	117,00 **4.606**	70,00 **2.756**	118,00 **4.646**	144,00 **5.669**	144,00 **5.669**
40	59,00 **2.323**	104,00 **4.094**	107,00 **4.213**	116,00 **4.567**	71,00 **2.795**	113,00 **4.449**	140,00 **5.512**	144,00 **5.669**

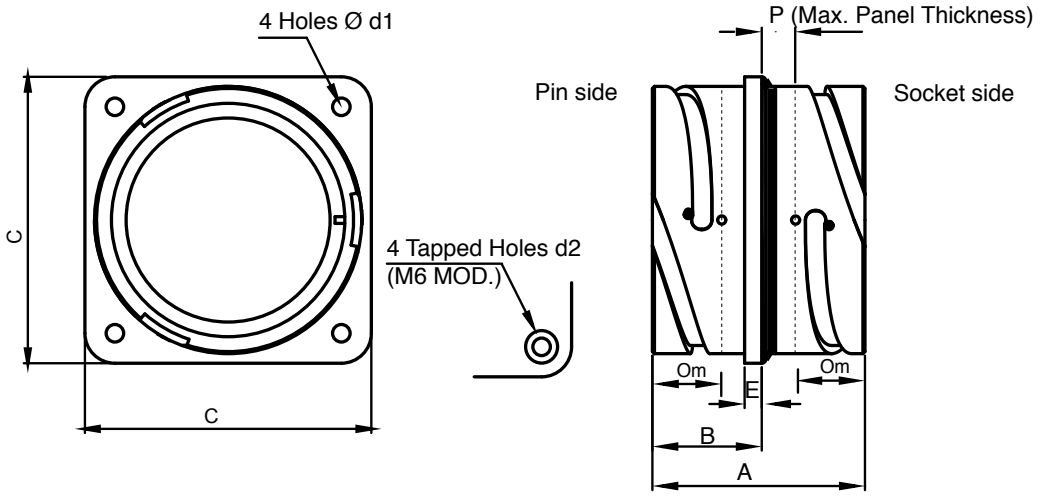
* Please consult TE for availability.

SIZE 49 PLUG WITH CONDUIT ADAPTOR
RUBBER COVERED COUPLING NUT
STYLE: CIRHP06GGL OR GGS



Metric
Imperial

Connector Style	A Dia. Max.	B Thread
CIRHP06GGL.....	43,50 **1.713**	2 1/4" x 16 UN-2A
CIRHP06GGS.....	29,00 **1.142**	1 3/4" x 18 UNEF-2A



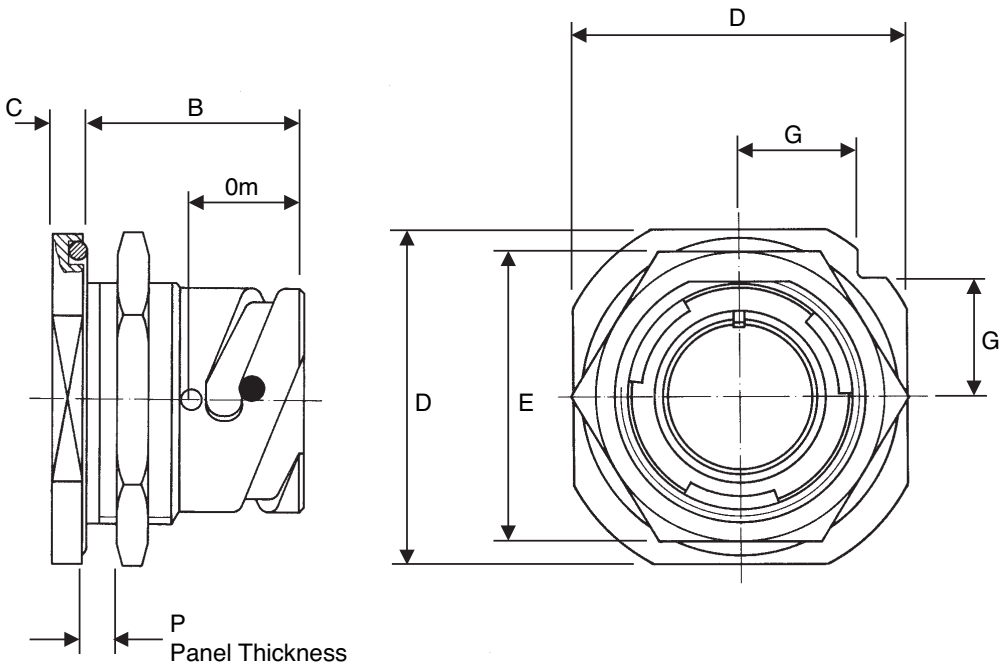
Metric
Imperial

Note. Maximum panel thickness when using cap head screws.
When using countersunk screws, maximum panel thickness = 7.5 mm.

See page 90 for panel mounting details.

Shell Size	A Max	B Max	C Max	d1 +0,2 -0 +0.008-0	d2 Thread	E Max	P See Note	Om Min Overlap Mated
10SL	38,20 **1.504**	17,60 **0.693**	25,70 **1.012**	3,20 **0.126**	**M4**	3,00 **0.118**	3,30 **0.130**	11,10 **0.437**
14S	38,20 **1.504**	18,00 **0.709**	30,30 **1.193**	3,20 **0.126**	**M4**	3,40 **0.134**	3,30 **0.130**	11,10 **0.437**
16S	38,20 **1.504**	18,00 **0.709**	32,80 **1.291**	3,20 **0.126**	**M4**	3,40 **0.134**	3,30 **0.130**	11,10 **0.437**
16	52,10 **2.051**	22,80 **0.898**	32,80 **1.291**	3,20 **0.126**	**M4**	3,40 **0.134**	3,30 **0.130**	15,85 **0.624**
18	52,10 **2.051**	23,60 **0.929**	35,30 **1.390**	3,20 **0.126**	**M4**	4,20 **0.165**	3,30 **0.130**	15,85 **0.624**
20	52,10 **2.051**	23,60 **0.929**	38,30 **1.508**	3,20 **0.126**	**M4**	4,20 **0.165**	3,30 **0.130**	15,85 **0.624**
22	52,10 **2.051**	23,60 **0.929**	41,30 **1.626**	3,20 **0.126**	**M4**	4,20 **0.165**	3,30 **0.130**	15,75 **0.620**
24	52,10 **2.051**	25,20 **0.992**	44,80 **1.764**	3,70 **0.146**	**M4**	4,20 **0.165**	3,30 **0.130**	15,75 **0.620**
28	52,10 **2.051**	25,20 **0.992**	51,10 **2.012**	3,70 **0.146**	**M5**	4,20 **0.165**	3,30 **0.130**	15,75 **0.620**
32	52,10 **2.051**	26,80 **1.055**	57,30 **2.256**	4,30 **0.169**	**M5**	4,20 **0.165**	3,30 **0.130**	15,75 **0.620**
36	52,10 **2.051**	26,80 **1.055**	63,80 **2.512**	4,30 **0.169**	**M5**	4,20 **0.165**	3,30 **0.130**	15,75 **0.620**
40	52,10 **2.051**	26,80 **1.055**	70,20 **2.764**	4,30 **0.169**	**M5**	4,20 **0.165**	3,30 **0.130**	15,75 **0.620**

SINGLE HOLE MOUNTING RECEPTACLE
REAR MOUNTED (NO ACCESSORY THREAD)
STYLE: CIRH09A

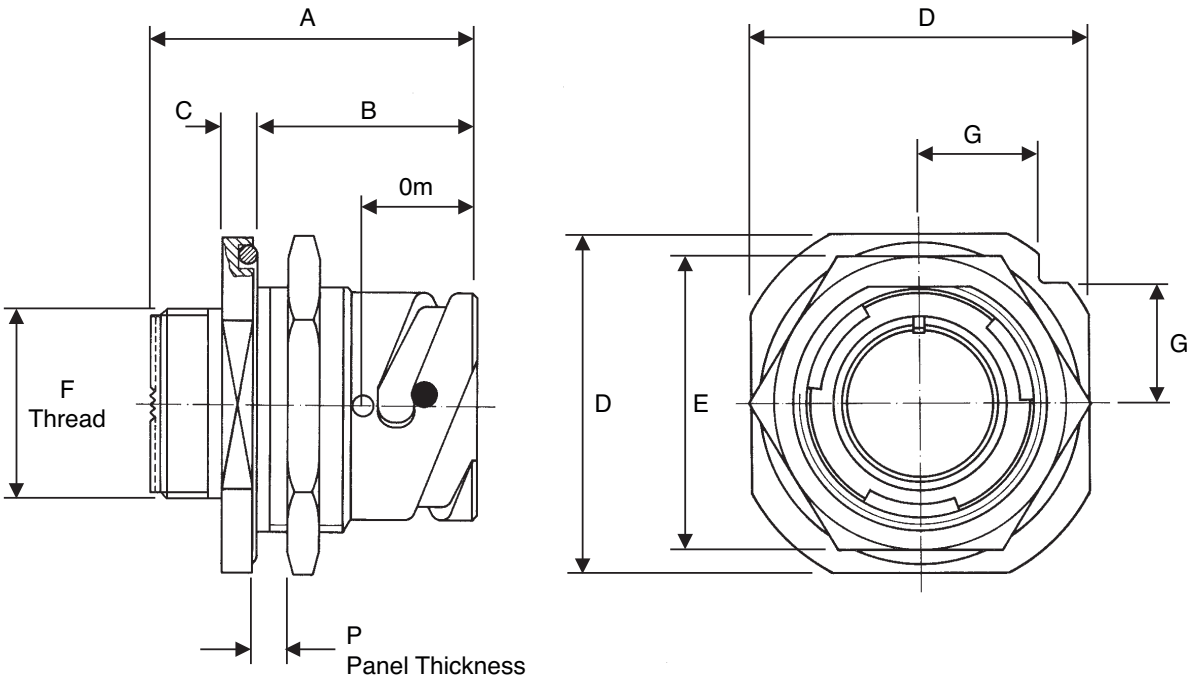


Metric
Imperial

See page 91 for panel mounting details.

Shell Size	B	C	D Max	E	G	P Min	P Max	Om Min Overlap Mated
10SL	24,50 **0.965**	4,00 **0.157**	32,05 **1.262**	27,00 **1.063**	11,20 **0.441**	2,40 **0.094**	5,20 **0.205**	11,10 **0.437**
14S	26,80 **1.055**	4,80 **0.189**	41,55 **1.636**	33,00 **1.299**	14,60 **0.575**	2,40 **0.094**	**7,50** **0.295**	11,10 **0.437**
16S	26,80 **1.055**	4,80 **0.189**	44,65 **1.758**	38,10 **1.500**	15,70 **0.618**	2,40 **0.094**	**7,50** **0.295**	11,10 **0.437**
16	32,10 **1.264**	4,80 **0.189**	44,65 **1.758**	38,10 **1.500**	15,70 **0.618**	2,40 **0.094**	7,50 **0.295**	15,85 **0.624**
18	33,70 **1.327**	4,80 **0.189**	47,85 **1.884**	39,70 **1.563**	16,80 **0.661**	2,40 **0.094**	9,00 **0.354**	15,85 **0.624**
20	33,70 **1.327**	4,80 **0.189**	51,05 **2.034**	44,00 **1.732**	18,00 **0.709**	2,40 **0.094**	9,00 **0.354**	15,85 **0.624**
22	33,70 **1.327**	4,80 **0.189**	54,45 **2.144**	46,00 **1.811**	20,20 **0.795**	2,40 **0.094**	9,10 **0.358**	15,75 **0.620**
24	33,70 **1.327**	4,80 **0.189**	57,45 **2.262**	50,80 **2.000**	20,20 **0.795**	2,40 **0.094**	9,10 **0.358**	15,75 **0.620**
28	35,20 **1.386**	5,60 **0.220**	63,75 **2.510**	55,00 **2.165**	22,50 **0.886**	2,40 **0.094**	8,50 **0.335**	15,75 **0.620**
32	35,20 **1.386**	5,60 **0.220**	70,05 **2.758**	62,00 **2.441**	24,70 **0.972**	2,40 **0.094**	8,50 **0.335**	15,75 **0.620**
36	35,20 **1.386**	5,60 **0.220**	76,45 **3.010**	71,00 **2.795**	26,90 **1.059**	2,40 **0.094**	8,30 **0.327**	15,75 **0.620**
40	35,20 **1.386**	5,60 **0.220**	83,75 **3.297**	75,00 **2.953**	29,60 **1.165**	2,40 **0.094**	8,30 **0.327**	15,75 **0.620**

SINGLE HOLE MOUNTING RECEPTACLE
REAR MOUNTED
STYLE: CIRH09T

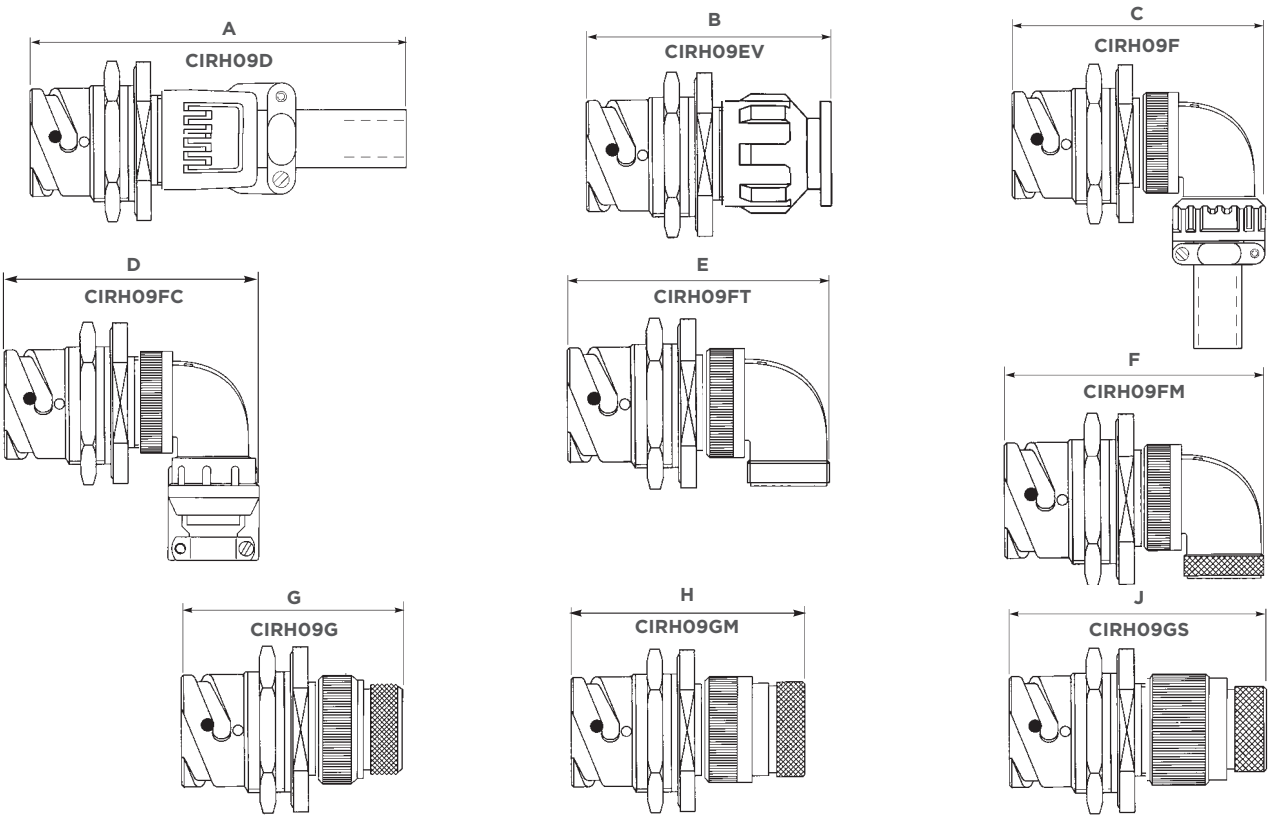


Metric
Imperial

See page 91 for panel mounting details.

Shell Size	A Max	B	C	D Max	E	F Thread Dia. Class 2A	G	P Min	P Max	Om Min Overlap Mated
10SL	36,45 **1.435**	24,50 **0.965**	4,00 **0.157**	32,05 **1.262**	27,00 **1.063**	5/8" x 24 UNEF	11,20 **0.441**	2,40 **0.094**	5,20 **0.205**	11,10 **0.437**
14S	39,15 **1.541**	26,80 **1.055**	4,80 **0.189**	41,55 **1.636**	33,00 **1.299**	3/4" x 20 UNEF	14,60 **0.575**	2,40 **0.094**	7,50 **0.295**	11,10 **0.437**
16S	39,15 **1.541**	26,80 **1.055**	4,80 **0.189**	44,65 **1.758**	38,10 **1.500**	7/8" x 20 UNEF	15,70 **0.618**	2,40 **0.094**	7,50 **0.295**	11,10 **0.437**
16	48,75 **1.919**	32,10 **1.264**	4,80 **0.189**	44,65 **1.758**	38,10 **1.500**	7/8" x 20 UNEF	15,70 **0.618**	2,40 **0.094**	7,50 **0.295**	15,85 **0.624**
18	49,55 **1.951**	33,70 **1.327**	4,80 **0.189**	47,85 **1.884**	39,70 **1.563**	1" x 20 UNEF	16,80 **0.661**	2,40 **0.094**	9,00 **0.354**	15,85 **0.624**
20	49,55 **1.951**	33,70 **1.327**	4,80 **0.189**	51,05 **2.034**	44,00 **1.732**	1 1/8" x 18 UNEF	18,00 **0.709**	2,40 **0.094**	9,00 **0.354**	15,85 **0.624**
22	49,55 **1.951**	33,70 **1.327**	4,80 **0.189**	54,45 **2.144**	46,00 **1.811**	1 1/4" x 18 UNEF	20,20 **0.795**	2,40 **0.094**	9,10 **0.358**	15,75 **0.620**
24	49,55 **1.951**	33,70 **1.327**	4,80 **0.189**	57,45 **2.262**	50,80 **2.000**	1 3/8" x 18 UNEF	20,20 **0.795**	2,40 **0.094**	9,10 **0.358**	15,75 **0.620**
28	52,15 **2.053**	35,20 **1.386**	5,60 **0.220**	63,75 **2.510**	55,00 **2.165**	1 5/8" x 18 UNEF	22,50 **0.886**	2,40 **0.094**	8,50 **0.335**	15,75 **0.620**
32	52,15 **2.053**	35,20 **1.386**	5,60 **0.220**	70,05 **2.758**	62,00 **2.441**	1 7/8" x 16 UN	24,70 **0.972**	2,40 **0.094**	8,50 **0.335**	15,75 **0.620**
36	52,15 **2.053**	35,20 **1.386**	5,60 **0.220**	76,45 **3.010**	71,00 **2.795**	2 1/16" x 16 UNS	26,90 **1.059**	2,40 **0.094**	8,30 **0.327**	15,75 **0.620**
40	52,15 **2.053**	35,20 **1.386**	5,60 **0.220**	83,75 **3.297**	75,00 **2.953**	2 5/16" x 16 UN	29,60 **1.165**	2,40 **0.094**	8,30 **0.327**	15,75 **0.620**

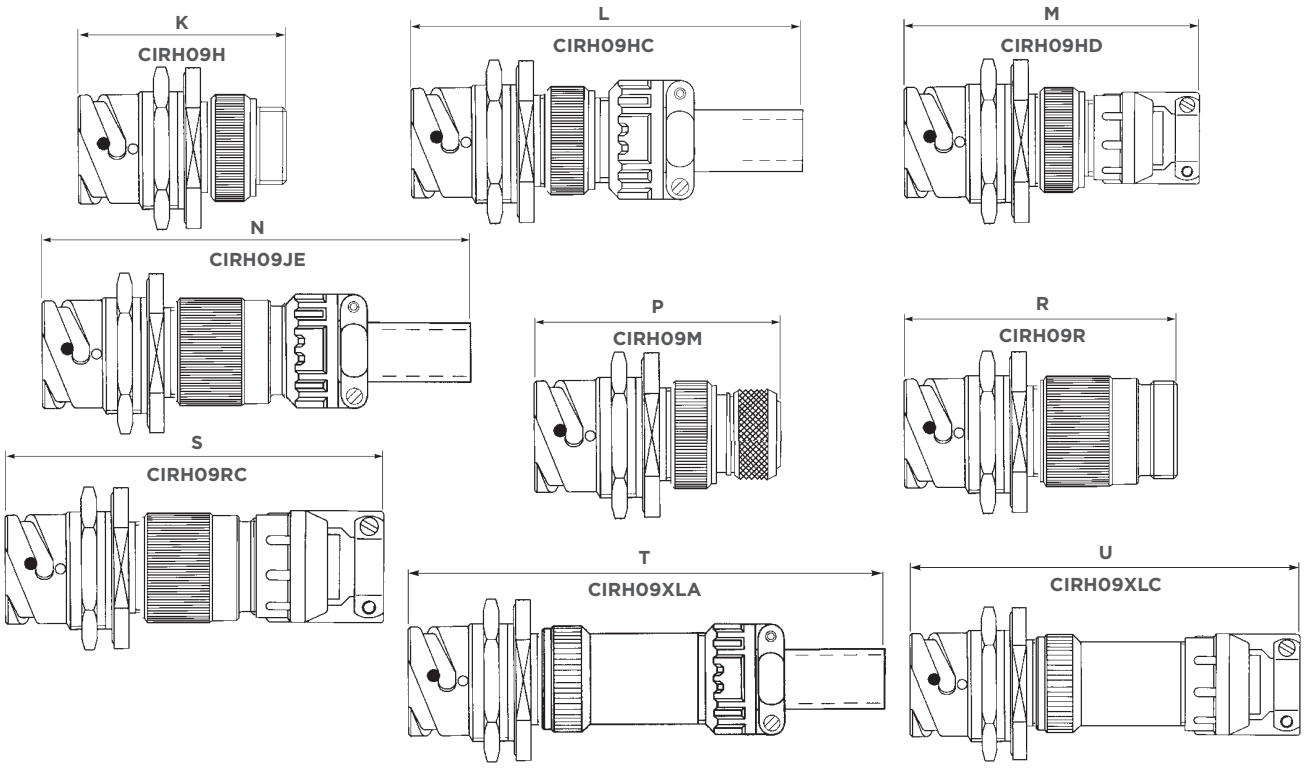
CIRH ‘09’ STYLE
CONNECTOR & ACCESSORY



Metric
Imperial

Shell Size	A	B	++C	++D	++E	++F	++G	++H	J
10SL	116,00 **4.567**	51,00 **2.008**	65,00 **2.560**	65,00 **2.560**	61,00 **2.402**	61,00 **2.402**	57,00 **2.244**	61,00 **2.402**	*
14S	117,00 **4.606**	54,00 **2.126**	70,00 **2.756**	71,00 **2.795**	67,00 **2.638**	67,00 **2.638**	60,00 **2.362**	64,00 **2.520**	*
16S	114,00 **4.488**	54,00 **2.126**	72,00 **2.835**	74,00 **2.913**	70,00 **2.756**	70,00 **2.756**	60,00 **2.362**	64,00 **2.520**	*
16	124,00 **4.882**	67,00 **2.638**	84,00 **3.307**	83,00 **3.268**	78,00 **3.071**	80,00 **3.150**	69,00 **2.717**	77,00 **3.031**	*
18	128,00 **5.040**	68,00 **2.677**	89,00 **3.504**	89,00 **3.504**	85,00 **3.346**	85,00 **3.346**	72,00 **2.835**	78,00 **3.071**	88,00 **3.465**
20	127,00 **5.000**	68,00 **2.677**	94,00 **3.700**	95,00 **3.740**	91,00 **3.583**	91,00 **3.583**	73,00 **2.875**	82,00 **3.228**	93,00 **3.661**
22	127,00 **5.000**	68,00 **2.677**	94,00 **3.700**	96,00 **3.780**	91,00 **3.583**	91,00 **3.583**	76,00 **2.992**	82,00 **3.228**	94,00 **3.700**
24	122,00 **4.803**	68,00 **2.677**	102,00 **4.016**	103,00 **4.055**	99,00 **3.898**	99,00 **3.898**	73,00 **2.875**	82,00 **3.228**	94,00 **3.700**
28	135,00 **5.315**	70,00 **2.756**	104,00 **4.094**	105,00 **4.134**	101,00 **3.976**	101,00 **3.976**	79,00 **3.110**	83,00 **3.268**	97,00 **3.700**
32	131,00 **5.157**	70,00 **2.756**	114,00 **4.488**	117,00 **4.606**	111,00 **4.370**	111,00 **4.370**	77,00 **3.031**	83,00 **3.268**	96,00 **3.780**
36	128,00 **5.040**	70,00 **2.756**	120,00 **4.724**	121,00 **4.764**	117,00 **4.606**	117,00 **4.606**	83,00 **3.268**	84,00 **3.307**	96,00 **3.780**
40	NA	70,00 **2.756**	127,00 **5.000**	128,00 **5.039**	123,00 **4.843**	123,00 **4.843**	84,00 **3.307**	84,00 **3.307**	96,00 **3.780**

* Please consult TE for availability. ++ For connector with locking accessory, please refer to the Sales office.

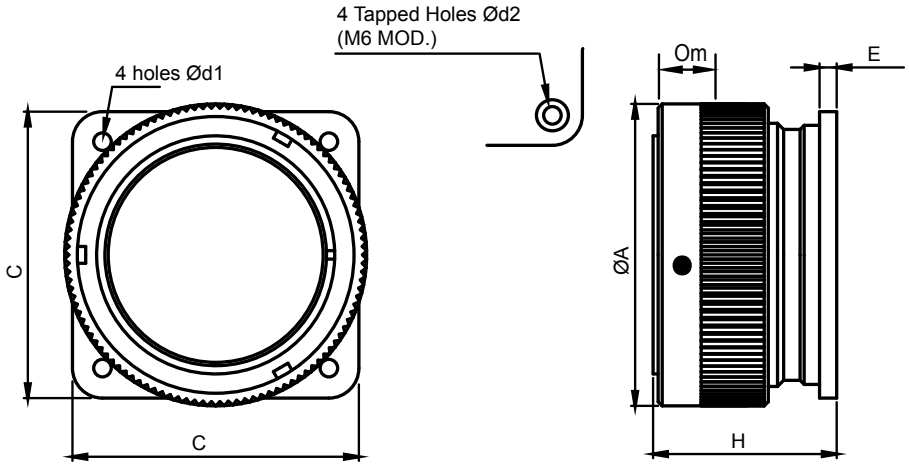


Metric
Imperial

Shell Size	++K	++L	++M	N	++P	R	S	++T	++U
10SL	57,00 **2.244**	130,00 **5.118**	88,00 **3.465**	130,00 **5.118**	61,00 **2.402**	59,00 **2.323**	90,00 **3.543**	148,00 **5.827**	109,00 **4.291**
14S	60,00 **2.362**	129,00 **5.079**	91,00 **3.583**	128,00 **5.039**	66,00 **2.598**	61,00 **2.402**	92,00 **3.622**	147,00 **5.787**	112,00 **4.409**
16S	60,00 **2.362**	131,00 **5.157**	91,00 **3.583**	125,00 **4.921**	66,00 **2.598**	61,00 **2.402**	92,00 **3.622**	144,00 **5.669**	112,00 **4.409**
16	72,00 **2.835**	135,00 **5.315**	101,00 **3.976**	136,00 **5.354**	76,00 **2.992**	72,00 **2.835**	103,00 **4.055**	134,00 **5.276**	133,00 **5.236**
18	73,00 **2.875**	138,00 **5.433**	105,00 **4.134**	140,00 **5.512**	80,00 **3.150**	79,00 **3.110**	112,00 **4.409**	162,00 **6.378**	134,00 **5.276**
20	73,00 **2.875**	133,00 **5.236**	105,00 **4.134**	137,00 **5.394**	80,00 **3.150**	79,00 **3.110**	112,00 **4.409**	159,00 **6.260**	134,00 **5.276**
22	73,00 **2.875**	133,00 **5.236**	105,00 **4.134**	137,00 **5.394**	80,00 **3.150**	79,00 **3.110**	112,00 **4.409**	159,00 **6.260**	134,00 **5.276**
24	73,00 **2.875**	120,00 **4.724**	108,00 **4.252**	137,00 **5.394**	80,00 **3.150**	79,00 **3.110**	112,00 **4.409**	159,00 **6.260**	134,00 **5.276**
28	75,00 **2.953**	123,00 **4.843**	112,00 **4.409**	140,00 **5.512**	81,00 **3.189**	86,00 **3.386**	121,00 **4.764**	165,00 **6.496**	147,00 **5.787**
32	74,00 **2.913**	122,00 **4.803**	116,00 **4.567**	136,00 **5.354**	81,00 **3.189**	85,00 **3.346**	127,00 **5.000**	162,00 **6.378**	153,00 **6.024**
36	74,00 **2.913**	122,00 **4.803**	122,00 **4.803**	133,00 **5.236**	81,00 **3.189**	85,00 **3.346**	133,00 **5.236**	159,00 **6.260**	159,00 **6.260**
40	74,00 **2.913**	119,00 **4.685**	123,00 **4.843**	131,00 **5.157**	81,00 **3.189**	86,00 **3.386**	128,00 **5.039**	155,00 **6.102**	159,00 **6.260**

++ For connector with locking accessory, please refer to TE

PANEL MOUNTED PLUG (NO ACCESSORY THREAD)
STYLE: CIRH12A/CIRH12A...M6

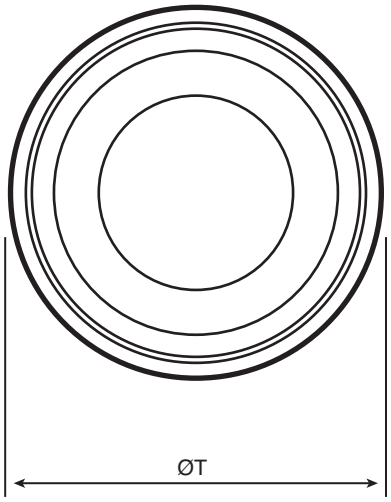


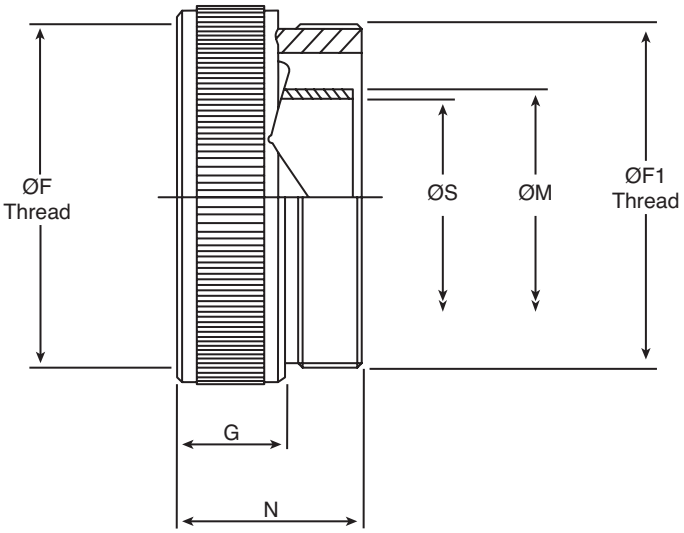
Metric
Imperial

Note: No provision for rear sealing - contact factory if required.
See page 90 for panel mounting details.

Shell Size	A Max.	C Max.	d1 +0.2, -0 mm	d2 Thread	E Max.	H Max.	Om Min. Overlap, mated
10SL	24,20 **0.953**	25,70 **1.012**	3.20 **0.126**	**M4**	3,00 **0.118**	28,10 **1.106**	11,10 **0.437**
14S	30,60 **1.205**	30,30 **1.193**	3.20 **0.126**	**M4**	3,40 **0.134**	28,10 **1.106**	11,10 **0.437**
16S	33,40 **1.315**	32,80 **1.291**	3.20 **0.126**	**M4**	3,40 **0.134**	28,10 **1.106**	11,10 **0.437**
16	33,40 **1.315**	32,80 **1.291**	3.20 **0.126**	**M4**	3,40 **0.134**	37,60 **1.480**	15,85 **0.624**
18	37,30 **1.469**	35,30 **1.390**	3.20 **0.126**	**M4**	4,20 **0.165**	38,60 **1.519**	15,85 **0.624**
20	40,70 **1.602**	38,30 **1.508**	3.20 **0.126**	**M4**	4,20 **0.165**	38,60 **1.519**	15,85 **0.624**
22	44,20 **1.740**	41,30 **1.626**	3.20 **0.126**	**M4**	4,20 **0.165**	38,60 **1.519**	15,85 **0.624**
24	47,70 **1.878**	44,80 **1.764**	3.20 **0.126**	**M4**	4,20 **0.165**	41,00 **1.614**	15,75 **0.620**
28	54,50 **2.146**	51,10 **2.012**	3.20 **0.126**	**M5**	4,20 **0.165**	41,80 **1.646**	15,75 **0.620**
32	61,40 **2.417**	57,30 **2.256**	4,30 **0.169**	**M5**	4,20 **0.165**	45,00 **1.772**	15,75 **0.620**
36	68,00 **2.677**	63,80 **2.512**	4,30 **0.169**	**M5**	4,20 **0.165**	45,00 **1.772**	15,75 **0.620**
40	74,00 **2.913**	70,20 **2.764**	4,30 **0.169**	**M5**	4,20 **0.165**	45,00 **1.772**	15,75 **0.620**

CONDUIT ADAPTOR WITH BRAID SCREEN TRAP - NO GROMMET ACCESSORY
TYPE 'RM'
STYLE: CIRB - ** - CRA





Metric
Imperial

Note: This accessory can only be used in conjunction with style 'H' or 'FT' adaptor.

How to order:

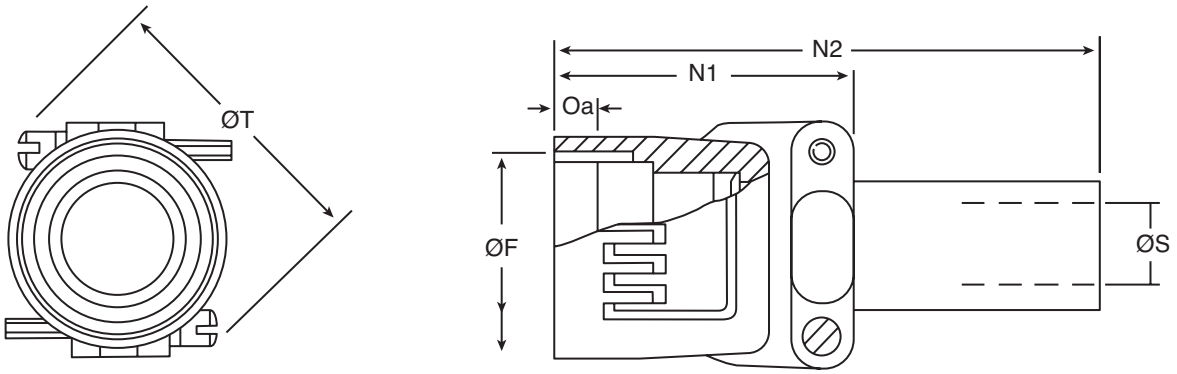
CIRB - ** - CRA

Shell size

Shell Size	F Thread Dia. Class 2B	F1 Thread Dia. Class 2A	G Max	N Max	S Min	T Max	M Max
10SL	5/8" x 24 UNEF	3/4" x 20 UNEF	11,00 **0.433**	23.10 **0.909**	8,40 **0.331**	18,50 **0.728**	10.10 **0.398**
14S	3/4" x 20 UNEF	7/8" x 20 UNEF	10,00 **0.394**	27,60 **1.087**	8,51 **0.335**	21,53 **0.848**	11,71 **0.461**
16S	7/8" x 20 UNEF	1" x 20 UNEF	10,00 **0.394**	27,60 **1.087**	9,74 **0.383**	25,50 **1.004**	13,10 **0.516**
16	7/8" x 20 UNEF	1" x 20 UNEF	11,00 **0.433**	30,60 **1.205**	9,74 **0.383**	25,50 **1.004**	13,10 **0.516**
18	1" x 20 UNEF	1 2/16" x 18 UNEF	11,00 **0.433**	30,60 **1.205**	12,90 **0.508**	29,10 **1.146**	16,26 **0.640**
20	1 3/16" x 18 UNEF	1 7/16" x 18 UNEF	11,00 **0.433**	30,60 **1.205**	18,23 **0.718**	35,45 **1.396**	21,51 **0.847**
22	1 3/16" x 18 UNEF	1 7/16" x 18 UNEF	11,00 **0.433**	30,60 **1.205**	18,23 **0.718**	35,45 **1.396**	21,51 **0.847**
24	1 7/16" x 18 UNEF	1 3/4" x 18 UNS	11,00 **0.433**	30,60 **1.205**	25,93 **1.021**	43,60 **1.717**	29,21 **1.150**
28	1 7/16" x 18 UNEF	1 3/4" x 18 UNS	11,00 **0.433**	30,60 **1.205**	25,93 **1.021**	43,60 **1.717**	29,21 **1.150**
32	1 3/4" x 18 UNS	1 3/4" x 18 UNS	13,00 **0.512**	30,60 **1.205**	25,93 **1.021**	49,55 **1.951**	29,10 **1.146**
36	2" x 18 UNS	2" x 18 UNS	13,00 **0.512**	30,60 **1.205**	32,00 **1.260**	55,90 **2.201**	35,19 **1.385**
40	2 1/4" x 16 UN	2 1/4" x 16 UN	13,00 **0.512**	30,60 **1.205**	32,33 **1.273**	63,10 **2.484**	35,60 **1.402**

*Please consult TE for availability.

NON-LOCKING CABLE CLAMP WITH GROMMET & FOLLOWER ACCESSORY TYPE 'D'
STYLE: CIRBH - ** - ** - OCN - F80



How to order:

CIRBH - ** - ** - OCN- F80

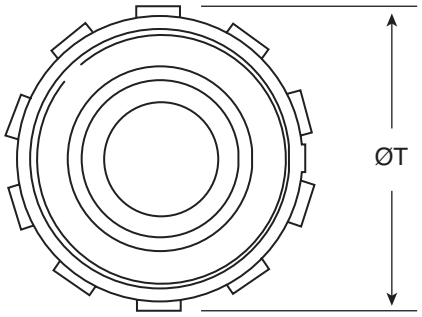
Shell size

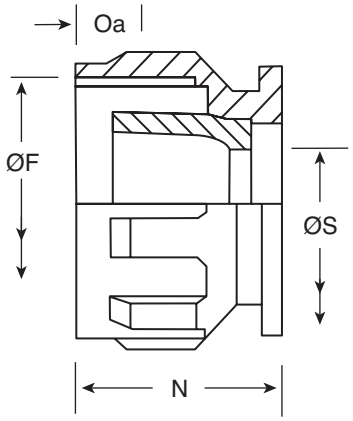
Contact arrangement

Metric
Imperial

Shell Size	F Thread Dia. Class 2B	N1 Max	N2 Max	S Min/Max	T Max	Oa Min Overlap Accessory
10SL	5/8" x 24 UNEF	36,42 **1.434**	86,68 **3.413**	3,68/5,76 **0.145/0.227**	35,15 **1.384**	7,00 **0.276**
14S	3/4" x 20 UNEF	27,41 **1.079**	85,04 **3.348**	4,62/8,10 **0.182/0.319**	39,88 **1.570**	7,00 **0.276**
16S	7/8" x 20 UNEF	27,41 **1.079**	81,99 **3.228**	7,82/11,30 **0.308/0.444**	41,45 **1.632**	7,00 **0.276**
16	7/8" x 20 UNEF	27,41 **1.079**	81,99 **3.228**	7,82/11,30 **0.308/0.444**	41,45 **1.632**	7,00 **0.276**
18	1" x 20 UNEF	44,68 **1.759**	85,55 **3.368**	8,79/14,45 **0.346/0.569**	45,52 **1.792**	7,00 **0.276**
20	1 1/8" x 18 UNEF	44,68 **1.759**	84,61 **3.331**	10,54/16,00 **0.415/0.632**	49,63 **1.954**	7,00 **0.276**
22	1 1/4" x 18 UNEF	44,68 **1.759**	84,61 **3.331**	10,54/16,00 **0.415/0.632**	49,63 **1.954**	7,00 **0.276**
24	1 2/8" x 18 UNEF	44,68 **1.759**	79,20 **3.118**	14,55/19,23 **0.573/0.757**	56,29 **2.216**	7,00 **0.276**
28	1 5/8" x 18 UNEF	54,79 **2.157**	89,31 **3.516**	14,15/19,23 **0.557/0.757**	60,45 **2.380**	7,00 **0.276**
32	1 7/8" x 16 UN	54,79 **2.157**	86,13 **3.390**	19,18/23,98 **0.755/0.944**	68,43 **2.694**	7,00 **0.276**
36	2 1/16" x 16 UNS	54,79 **2.157**	82,98 **3.267**	24,51/31,93 **0.965/1.257**	71,68 **2.822**	7,00 **0.276**

NON-LOCKING GROMMET NUT
TYPE 'EV'
STYLE: CIRBH - ** - ** - EV - F80





How to order:

CIRBH - ** - ** - EV - F80

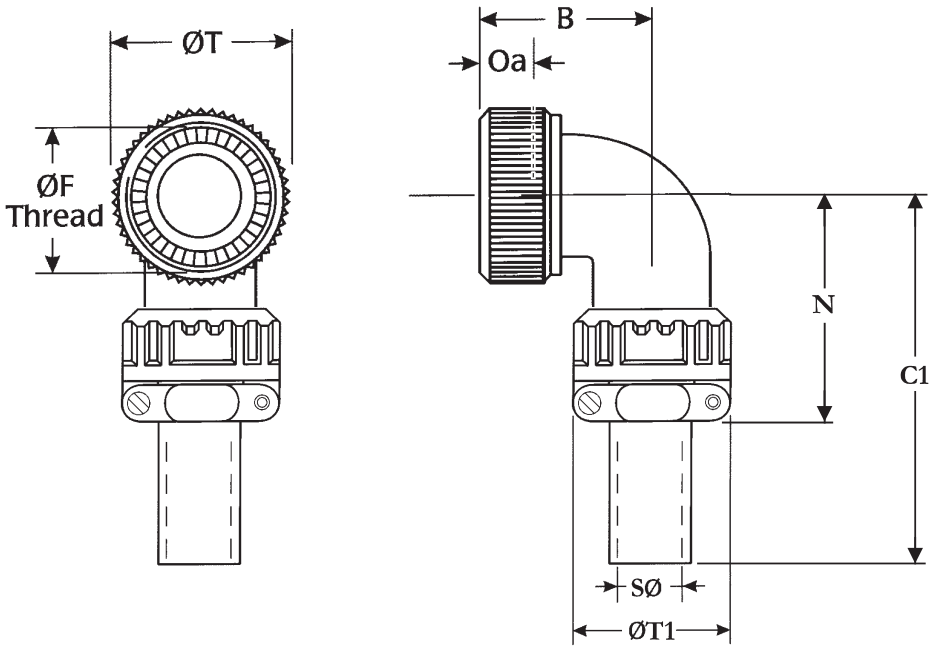
Shell size

Contact arrangement

Metric
Imperial

Shell Size	T Max	F Thread Dia. Class 2B	N Max	S Min	Oa Min Overlap Accessory
10SL	21,60 **0.850**	5/8" x 24 UNEF	20,83 **0.820**	8,60 **0.339**	6,10 **0.240**
14S	24,80 **0.976**	3/4" x 20 UNEF	20,83 **0.820**	11,10 **0.437**	6,10 **0.240**
16S	28,70 **1.130**	7/8" x 20 UNEF	20,83 **0.820**	14,30 **0.563**	6,10 **0.240**
16	28,70 **1.130**	7/8" x 20 UNEF	25,53 **1.005**	14,30 **0.563**	7,60 **0.300**
18	31,90 **1.256**	1" x 20 UNEF	25,53 **1.005**	16,70 **0.657**	7,60 **0.300**
20	34,90 **1.374**	1 1/8" x 18 UNEF	25,53 **1.005**	19,80 **0.780**	7,60 **0.300**
22	38,20 **1.504**	1 1/4" x 18 UNEF	25,53 **1.005**	21,34 **0.840**	7,60 **0.300**
24	41,40 **1.630**	1 3/8" x 18 UNEF	25,53 **1.005**	25,40 **1.000**	7,60 **0.300**
28	47,80 **1.882**	1 5/8" x 18 UNEF	25,53 **1.005**	30,13 **1.186**	7,60 **0.300**
32	54,10 **2.130**	1 7/8" x 16 UN	25,53 **1.005**	36,73 **1.446**	7,60 **0.300**
36	58,70 **2.311**	2 1/16" x 16 UNS	25,53 **1.005**	41,00 **1.614**	7,60 **0.300**
40	63.00 **2.480**	2 5/16" x 16 UN	25,64 **1.009**	45,90 **1.807**	7,60 **0.300**

LOCKING 90° OUTLET WITH CABLE CLAMP & BUSHING
TYPE 'F'
STYLE: CIRBH - ** - ** - F - F80



How to order:

CIRBH - ** - ** - F - F80

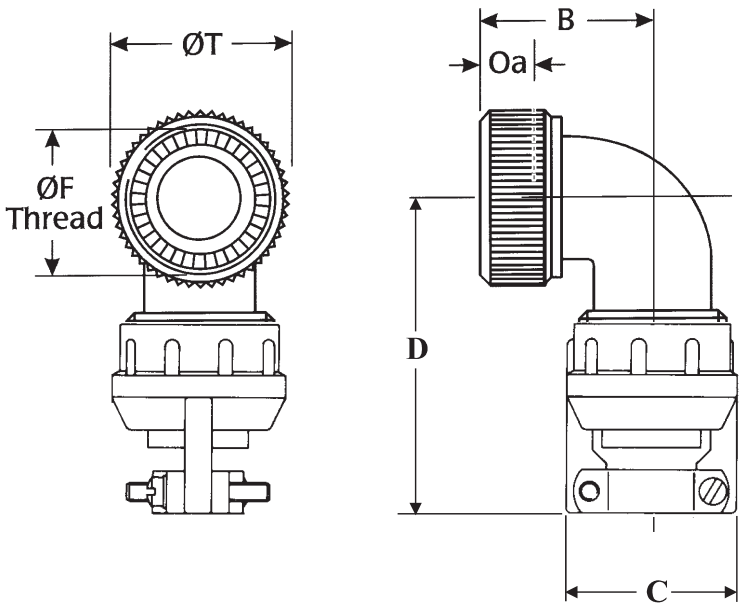
Shell size

Contact arrangement

Metric
Imperial

Shell Size	B Max	C Max	C1 Max	F Thread Dia. Class 2B	N Max	T Max	T1 Max	S Max	Oa Min Overlap Accessory
10SL	24,00 **0.945**	30,00 **1.181**	100,00 **3.937**	5/8" x 24 UNEF	42,00 **1.654**	22,00 **0.866**	22,70 **0.894**	5,76 **0.227**	7,00 **0.276**
14S	25,00 **0.984**	30,00 **1.181**	100,00 **3.937**	3/4" x 20 UNEF	42,00 **1.654**	25,00 **0.984**	27,50 **1.083**	8,10 **0.319**	7,00 **0.276**
16S	27,00 **1.063**	30,00 **1.181**	100,00 **3.937**	7/8" x 20 UNEF	45,00 **1.772**	28,00 **1.102**	30,00 **1.181**	11,30 **0.444**	7,00 **0.276**
16	27,00 **1.063**	30,00 **1.181**	100,00 **3.937**	7/8" x 20 UNEF	45,00 **1.772**	28,00 **1.102**	30,00 **1.181**	11,30 **0.444**	7,00 **0.276**
18	30,10 **1.224**	35,00 **1.378**	100,00 **3.937**	1" x 20 UNEF	53,00 **2.087**	31,00 **1.220**	33,00 **1.299**	14,45 **0.569**	7,00 **0.276**
20	33,00 **1.299**	35,00 **1.378**	100,00 **3.937**	1 1/8" x 18 UNEF	53,00 **2.087**	35,00 **1.378**	37,50 **1.476**	16,00 **0.632**	7,00 **0.276**
22	33,10 **1.303**	35,00 **1.378**	100,00 **3.937**	1 1/4" x 18 UNEF	53,00 **2.087**	38,00 **1.496**	37,50 **1.476**	16,00 **0.632**	7,00 **0.276**
24	37,90 **1.492**	40,00 **1.575**	100,00 **3.937**	1 3/8" x 18 UNEF	58,00 **2.283**	41,00 **1.614**	43,30 **1.705**	19,23 **0.757**	7,00 **0.276**
28	37,10 **1.461**	40,00 **1.575**	100,00 **3.937**	1 5/8" x 18 UNEF	58,00 **2.283**	48,00 **1.890**	43,30 **1.705**	19,23 **0.757**	7,00 **0.276**
32	43,10 **1.697**	45,00 **1.772**	110,00 **4.331**	1 7/8" x 16 UN	66,00 **2.598**	54,00 **2.126**	51,70 **2.035**	23,98 **0.944**	7,00 **0.276**
36	45,90 **1.807**	50,00 **1.969**	110,00 **4.331**	2 1/16" x 16 UNS	69,00 **2.717**	61,00 **2.402**	58,00 **2.283**	31,93 **1.257**	7,00 **0.276**
40	49,00 **1.929**	54,60 **2.150**	100,00 **3.937**	2 5/16" x 16 UN	85,50 **3.366**	67,00 **2.638**	65,00 **2.559**	35,10 **1.382**	7,00 **0.276**

LOCKING 90° OUTLET WITH SEALED CABLE CLAMP
TYPE 'FC'
STYLE: CIRBH - ** - ** - FC - F80



How to order:

CIRBH - ** - ** - FC - F80

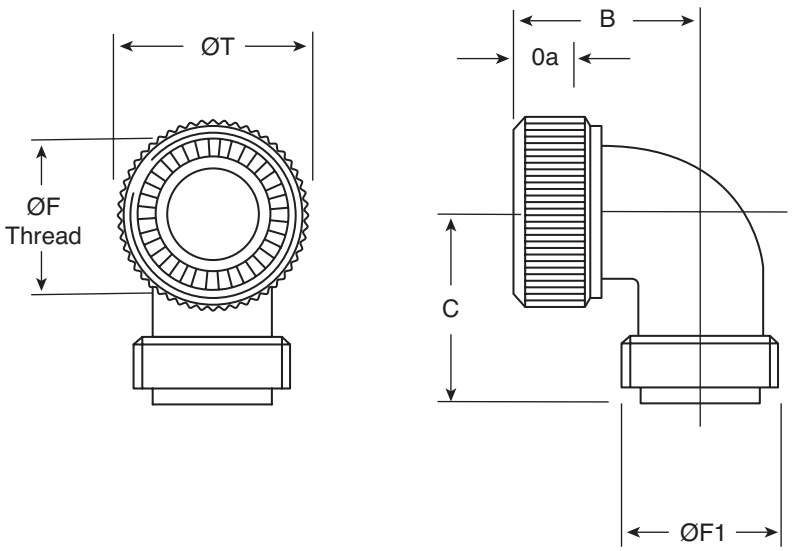
Shell size

Contact arrangement

Metric
Imperial

Shell Size	B Max	C Max	D Max	F Thread Dia. Class 2B	T Max	Oa Min Overlap Accessory
10SL	24,00 **0.945**	23,80 **0.937**	61,00 **2.402**	5/8" x 24 UNEF	22,00 **0.866**	7,00 **0.276**
14S	25,00 **0.984**	26,97 **1.062**	61,00 **2.402**	3/4" x 20 UNEF	25,00 **0.984**	7,00 **0.276**
16S	27,00 **1.063**	30,18 **1.188**	61,00 **2.402**	7/8" x 20 UNEF	28,00 **1.102**	7,00 **0.276**
16	27,00 **1.063**	30,18 **1.188**	61,00 **2.402**	7/8" x 20 UNEF	28,00 **1.102**	7,00 **0.276**
18	30,10 **1.224**	33,32 **1.312**	68,00 **2.677**	1" x 20 UNEF	31,00 **1.220**	7,00 **0.276**
20	33,00 **1.299**	39,67 **1.562**	68,00 **2.677**	1 1/8" x 18 UNEF	35,00 **1.378**	7,00 **0.276**
22	33,10 **1.303**	39,67 **1.562**	68,00 **2.677**	1 1/4" x 18 UNEF	38,00 **1.496**	7,00 **0.276**
24	37,90 **1.492**	44,45 **1.750**	76,00 **2.992**	1 3/8" x 18 UNEF	41,00 **1.614**	7,00 **0.276**
28	37,10 **1.461**	44,45 **1.750**	76,00 **2.992**	1 5/8" x 18 UNEF	48,00 **1.890**	7,00 **0.276**
32	43,10 **1.697**	57,15 **2.250**	87,00 **3.425**	1 7/8" x 16 UN	54,00 **2.126**	7,00 **0.276**
36	45,90 **1.807**	60,33 **2.375**	98,00 **3.858**	2 1/16" x 16 UNS	61,00 **2.402**	7,00 **0.276**
40	49,00 **1.929**	66,68 **2.625**	103,00 **4.055**	2 5/16" x 16 UN	67,00 **2.638**	7,00 **0.276**

LOCKING 90° OUTLET WITH GROMMET ACCESSORY
TYPE 'FT'
STYLE: CIRBH - ** - ** - FT - F80



How to order:

CIRBH - ** - ** - FT - F80

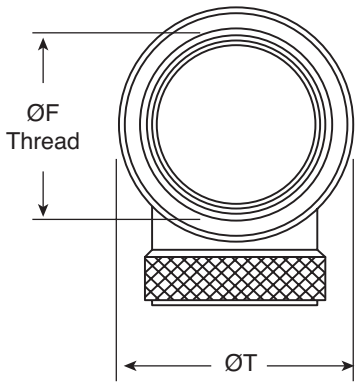
Shell size

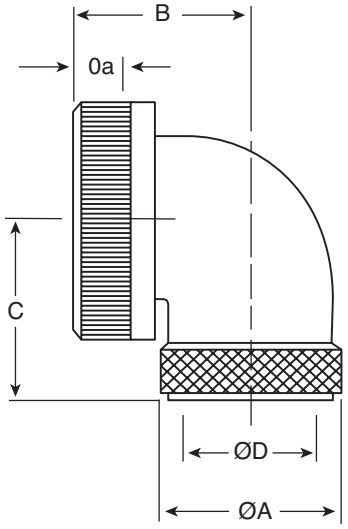
Contact arrangement

Metric
Imperial

Shell Size	B Max	C Max	F Thread Dia. Class 2B	F1 Thread Dia. Class 2A	T Max	Oa Min Overlap Accessory
10SL	24,00 **0.945**	30,00 **1.181**	5/8" x 24 UNEF	5/8" x 24 UNEF	22,00 **0.866**	7,00 **0.276**
14S	25,00 **0.984**	30,00 **1.181**	3/4" x 20 UNEF	3/4" x 20 UNEF	25,00 **0.984**	7,00 **0.276**
16S	27,00 **1.063**	30,00 **1.181**	7/8" x 20 UNEF	7/8" x 20 UNEF	28,00 **1.102**	7,00 **0.276**
16	27,00 **1.063**	30,00 **1.181**	7/8" x 20 UNEF	7/8" x 20 UNEF	28,00 **1.102**	7,00 **0.276**
18	30,10 **1.224**	35,00 **1.378**	1" x 20 UNEF	1" x 20 UNEF	31,00 **1.220**	7,00 **0.276**
20	33,10 **1.299**	35,00 **1.378**	1 1/8" x 18 UNEF	1 3/16" x 18 UNEF	35,00 **1.378**	7,00 **0.276**
22	33,10 **1.303**	35,00 **1.378**	1 1/4" x 18 UNEF	1 3/16" x 18 UNEF	38,00 **1.496**	7,00 **0.276**
24	37,90 **1.492**	40,00 **1.575**	1 3/8" x 18 UNEF	1 7/16" x 18 NEF	41,00 **1.614**	7,00 **0.276**
28	37,10 **1.461**	40,00 **1.575**	1 5/8" x 18 UNEF	1 7/16" x 18 NEF	48,00 **1.890**	7,00 **0.276**
32	43,10 **1.697**	45,00 **1.772**	1 7/8" x 16 UN	1 3/4" x 18 UNS	54,00 **2.126**	7,00 **0.276**
36	45,90 **1.807**	50,00 **1.969**	2 1/16" x 16 UNS	2" x 18 UNS	61,00 **2.402**	7,00 **0.276**
40	49,00 **1.929**	54,60 **2.150**	2 5/16" x 16 UN	2 1/4" x 16 UN	67,00 **2.638**	7,00 **0.276**

LOCKING 90° OUTLET RFI SHIELDED WITH GROMMET ACCESSORY TYPE 'FM'
STYLE: CIRBH - ** - ** - FM - F80





How to order:

CIRBH - ** - ** - FM - F80

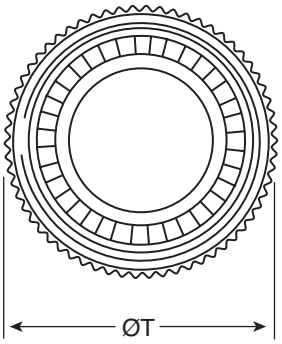
Shell size

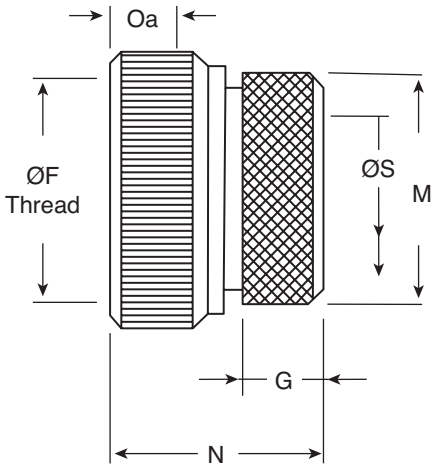
Contact arrangement

Metric
Imperial

Shell Size	A Max	B Max	C Max	D Max	F Thread Dia. Class 2B	T Max	Oa Min Overlap Accessory
10SL	15,90 **0.626**	24,00 **0.945**	30,00 **1.181**	7,77 **0.306**	5/8" x 24 UNEF	22,00 **0.866**	7,00 **0.276**
14S	19,10 **0.764**	25,00 **0.984**	30,00 **1.181**	10,36 **0.408**	3/4" x 20 UNEF	25,00 **0.984**	7,00 **0.276**
16S	22,30 **0.878**	27,00 **1.063**	30,00 **1.181**	13,01 **0.512**	7/8" x 20 UNEF	28,00 **1.102**	7,00 **0.276**
16	22,30 **0.878**	27,00 **1.063**	30,00 **1.181**	13,01 **0.512**	7/8" x 20 UNEF	28,00 **1.102**	7,00 **0.276**
18	25,50 **1.004**	30,10 **1.224**	35,00 **1.378**	15,14 **0.596**	1" x 20 UNEF	31,00 **1.220**	7,00 **0.276**
20	30,20 **1.189**	33,00 **1.299**	35,00 **1.378**	18,10 **0.713**	1 1/8" x 18 UNEF	35,00 **1.378**	7,00 **0.276**
22	30,20 **1.189**	33,10 **1.303**	35,00 **1.378**	21,62 **0.851**	1 1/4" x 18 UNEF	38,00 **1.496**	7,00 **0.276**
24	36,60 **1.441**	37,90 **1.492**	40,00 **1.575**	25,10 **0.988**	1 3/8" x 18 UNEF	41,00 **1.614**	7,00 **0.276**
28	36,60 **1.441**	37,10 **1.461**	40,00 **1.575**	30,38 **1.196**	1 5/8" x 18 UNEF	48,00 **1.890**	7,00 **0.276**
32	44,50 **1.752**	43,10 **1.697**	45,00 **1.772**	36,48 **1.436**	1 7/8" x 16 UN	54,00 **2.126**	7,00 **0.276**
36	50,90 **2.004**	45,90 **1.807**	50,00 **1.969**	40,67 **1.601**	2 1/16" x 16 UNS	61,00 **2.402**	7,00 **0.276**
40	57,20 **2.252**	49,00 **1.929**	54,60 **2.150**	48,50 **1.909**	2 5/16" x 16 UN	67,00 **2.638**	7,00 **0.276**

LOCKING HEATSHRINK ADAPTOR WITH GROMMET ACCESSORY
TYPE 'G'
STYLE: CIRBH - ** - ** - HSA - F80





How to order:

CIRBH - ** - ** - HSA - F80

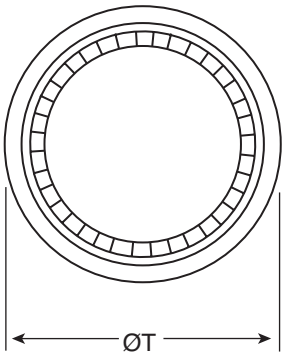
Shell size

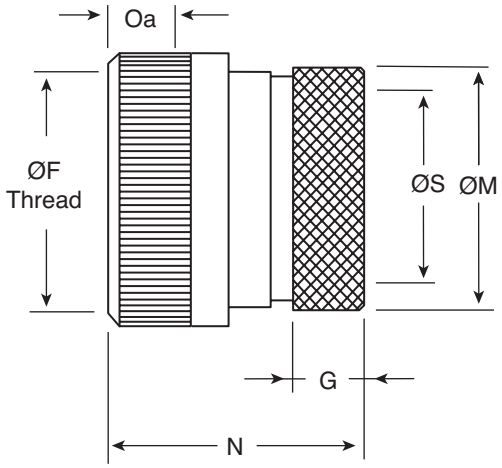
Contact arrangement

Metric
Imperial

Shell Size	F Thread Dia. Class 2B	G Max	M Max	N Max	S Min	T Max	Oa Min Overlap Accessory
10SL	5/8" x 24 UNEF	8,20 **0.323**	15,70 **0.618**	28.46 **1.120**	7,70 **0.303**	22,00 **0.87**	7,00 **0.276**
14S	3/4" x 20 UNEF	8,20 **0.323**	19,30 **0.760**	28.46 **1.120**	10.60 **0.417**	25,00 **0.99**	7,00 **0.276**
16S	7/8" x 20 UNEF	8,20 **0.323**	24,10 **0.949**	28.46 **1.120**	13,50 **0.532**	28,00 **1.11**	7,00 **0.276**
16	7/8" x 20 UNEF	8,00 **0.315**	24,10 **0.949**	32.26 **1.270**	13,50 **0.532**	28,00 **1.11**	7,00 **0.276**
18	1" x 20 UNEF	8,00 **0.315**	24,10 **0.949**	32.26 **1.270**	14,60 **0.575**	31,00 **1.22**	7,00 **0.276**
20	1 1/8" x 18 UNEF	9,20 **0.362**	29,80 **1.173**	35.80 **1.409**	18,70 **0.736**	35,00 **1.38**	7,00 **0.276**
22	1 1/4" x 18 UNEF	9,20 **0.362**	29,80 **1.173**	35.80 **1.409**	20,80 **0.819**	38,00 **1.50**	7,00 **0.276**
24	1 3/8" x 18 UNEF	9,20 **0.362**	38,00 **1.496**	35.80 **1.409**	24,60 **0.969**	41,00 **1.62**	7,00 **0.276**
28	1 5/8" x 18 UNEF	9,20 **0.362**	38,00 **1.496**	35.76 **1.408**	27,00 **1.063**	48,00 **1.89**	7,00 **0.276**
32	1 7/8" x 16 UN	11,70 **0.461**	48,00 **1.890**	38.26 **1.506**	33,30 **1.311**	54,00 **2.13**	7,00 **0.276**
36	2 1/16" x 16 UNS	11,70 **0.461**	48,00 **1.890**	39.26 **1.546**	38,50 **1.516**	61,00 **2.40**	7,00 **0.276**
40	2 5/16" x 16 UN	12,10 **0.476**	57,95 **2.281**	38.30 **1.508**	48,10 **1.894**	67,00 **2.638**	7,00 **0.276**

LOCKING RFI SHIELDED ADAPTOR WITH GROMMET ACCESSORY
TYPE 'GM'
STYLE: CIRBH - ** - ** - LHSA - F80





How to order:

CIRBH - ** - ** - LHSA - F80

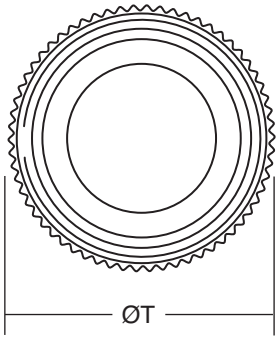
Shell size

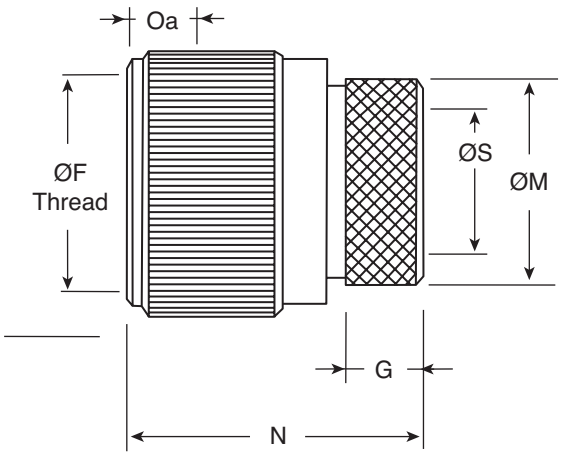
Contact arrangement

Metric
Imperial

Shell Size	F Thread Dia. Class 2B	G Max	M Max	N Max	S Min	T Max	Oa Min Overlap Accessory
10SL	5/8" x 24 UNEF	12,40 **0.488**	15,70 **0.618**	32.26 **1.270**	8,60 **0.339**	22,00 **0.87**	7,00 **0.276**
14S	3/4" x 20 UNEF	12,40 **0.488**	19,30 **0.760**	32.26 **1.270**	11,10 **0.437**	25,00 **0.984**	7,00 **0.276**
16S	7/8" x 20 UNEF	12,40 **0.488**	24,10 **0.949**	32.26 **1.270**	14,30 **0.563**	28,00 **1.102**	7,00 **0.276**
16	7/8" x 20 UNEF	12,40 **0.488**	24,10 **0.949**	36.06 **1.420**	14,30 **0.563**	28,00 **1.102**	7,00 **0.276**
18	1" x 20 UNEF	12,40 **0.488**	24,10 **0.949**	36.06 **1.420**	16,70 **0.657**	31,00 **1.22**	7,00 **0.276**
20	1 1/8" x 18 UNEF	12,40 **0.488**	29,80 **1.173**	38.60 **1.520**	19,80 **0.780**	35,00 **1.38**	7,00 **0.276**
22	1 1/4" x 18 UNEF	12,40 **0.488**	29,80 **1.173**	38.60 **1.520**	21,34 **0.840**	38,00 **1.50**	7,00 **0.276**
24	1 3/8" x 18 UNEF	12,40 **0.488**	38,00 **1.496**	38.60 **1.520**	25,40 **1.000**	41,00 **1.62**	7,00 **0.276**
28	1 5/8" x 18 UNEF	12,40 **0.488**	38,00 **1.496**	38.56 **1.518**	30,13 **1.186**	48,00 **1.89**	7,00 **0.276**
32	1 7/8" x 16 UN	12,10 **0.476**	48,00 **1.890**	38.26 **1.506**	36,73 **1.446**	54,00 **2.13**	7,00 **0.276**
36	2 1/16" x 16 UNS	12,10 **0.476**	48,00 **1.890**	39.26 **1.546**	41,00 **1.614**	61,00 **2.40**	7,00 **0.276**
40	2 5/16" x 16 UN	12,10 **0.476**	57,95 **2.281**	38.30 **1.508**	48,10 **1.894**	67,00 **2.638**	7,00 **0.276**

NON-LOCKING HEATSHRINK ADAPTOR, GROMMET & FOLLOWER ACCESSORY TYPE 'GS'
STYLE: CIRBH - ** - ** - HSAS - F80





How to order:

CIRBH - ** - ** - HSAS - F80

Shell size

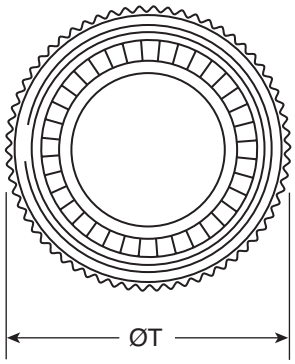
Contact arrangement

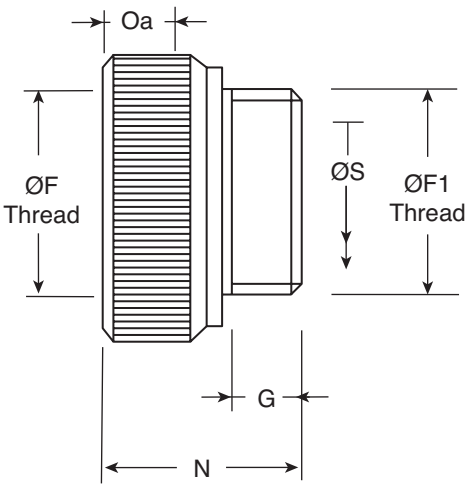
Metric
Imperial

Shell Size	F Thread Dia. Class 2B	M Max	G Max	N Max	S Min	T Max	Oa Min Overlap Accessory
***10SL**	-	-	-	-	-	-	-
***14S**	-	-	-	-	-	-	-
***16S**	-	-	-	-	-	-	-
***16**	-	-	-	-	-	-	-
18	1″ x 20 UNEF	24,10 **0.949**	11,90 **0.469**	45,30 **1.783**	14,70 **0.579**	28,60 **1.126**	7,34 **0.289**
20	1 1/8″ x 18 UNEF	29,80 **1.173**	11,90 **0.469**	51,10 **2.012**	18,70 **0.736**	31,85 **1.254**	7,34 **0.289**
22	1 1/4″ x 18 UNEF	29,80 **1.173**	11,90 **0.469**	51,10 **2.012**	20,90 **0.823**	35,03 **1.379**	7,14 **0.281**
24	1 3/8″ x 18 UNEF	38,00 **1.496**	11,90 **0.469**	51,10 **2.012**	24,70 **0.972**	39,10 **1.539**	7,14 **0.281**
28	1 5/8″ x 18 UNEF	38,00 **1.496**	11,90 **0.469**	51,10 **2.012**	27,10 **1.067**	45,60 **1.795**	6,34 **0.250**
32	1 7/8″ x 16 UN	48,00 **1.890**	11,90 **0.469**	51,10 **2.012**	33,40 **1.315**	50,80 **2.000**	7,40 **0.291**
36	2 1/16″ x 16 UNS	48,00 **1.890**	11,90 **0.469**	51,10 **2.012**	38,60 **1.520**	57,45 **2.262**	7,40 **0.291**
40	2 5/16″ x 16 UN	57,95 **2.281**	11,90 **0.469**	51,10 **2.012**	48,10 **1.894**	63,10 **2.484**	7,40 **0.291**

* Please consult TE for availability.

LOCKING ARMOURED CONDUIT ADAPTOR WITH GROMMET ACCESSORY TYPE 'H'
STYLE: CIRBH - ** - ** - ACA - F80





How to order:

CIRBH - ** - ** - ACA - F80

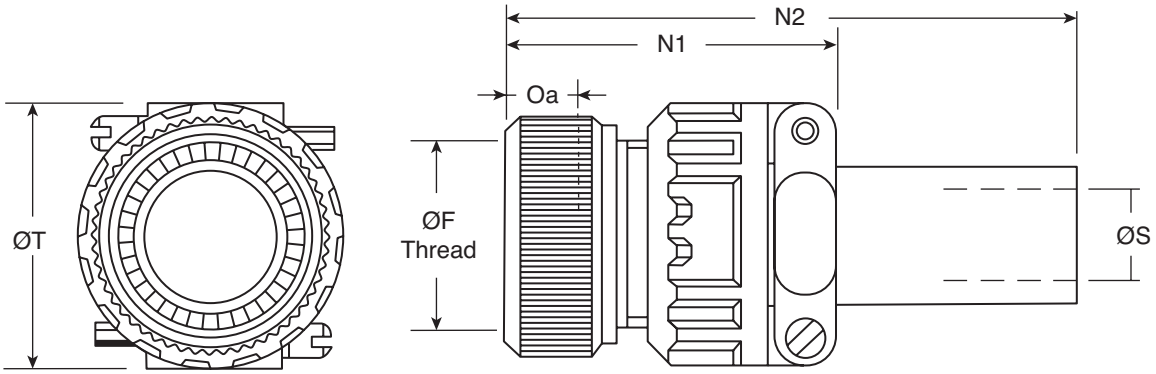
Shell size

Contact arrangement

Metric
Imperial

Shell Size	F Thread Dia. Class 2B	F1 Thread Dia. Class 2A	G Max	N Max	S Min	T Max	Oa Min Overlap Accessory
10SL	5/8" x 24 UNEF	5/8" x 24 UNEF	9,50 **0.374**	27,90 **1.098**	8,20 **0.323**	22,00 **0.87**	7,00 **0.276**
14S	3/4" x 20 UNEF	3/4" x 20 UNEF	9,50 **0.374**	27,90 **1.098**	11,10 **0.437**	25,00 **0.99**	7,00 **0.276**
16S	7/8" x 20 UNEF	7/8" x 20 UNEF	9,50 **0.374**	27,90 **1.098**	14,30 **0.563**	28,00 **1.11**	7,00 **0.276**
16	7/8" x 20 UNEF	7/8" x 20 UNEF	9,50 **0.374**	27,90 **1.098**	14,30 **0.563**	28,00 **1.11**	7,00 **0.276**
18	1" x 20 UNEF	1" x 20 UNEF	9,50 **0.374**	29,90 **1.177**	16,70 **0.657**	31,00 **1.22**	7,00 **0.276**
20	1 1/8" x 18 UNEF	1 2/16" x 18 NEF	9,50 **0.374**	29,90 **1.177**	19,80 **0.780**	35,00 **1.38**	7,00 **0.276**
22	1 1/4" x 18 UNEF	1 3/16" x 18 NEF	9,50 **0.374**	29,90 **1.177**	19,80 **0.780**	38,00 **1.50**	7,00 **0.276**
24	1 3/8" x 18 UNEF	1 7/16" x 18 NEF	9,50 **0.374**	29,90 **1.177**	25,40 **1.000**	41,00 **1.62**	7,00 **0.276**
28	1 5/8" x 18 UNEF	1 7/16" x 18 NEF	9,50 **0.374**	30,00 **1.181**	27,00 **1.063**	48,00 **1.89**	7,00 **0.276**
32	1 7/8" x 16 UN	1 3/4" x 18 NS	11,00 **0.433**	28,90 **1.138**	32,50 **1.280**	54,00 **2.13**	7,00 **0.276**
36	2 1/16" x 16 UNS	2" x 18 NS	11,80 **0.464**	28,90 **1.138**	35,70 **1.406**	61,00 **2.40**	7,00 **0.276**
40	2 5/16" x 16 UN	2 1/4" x 16 UN	11,80 **0.464**	28,90 **1.138**	45,00 **1.772**	67,00 **2.638**	7,00 **0.276**

LOCKING CABLE CLAMP WITH BUSHING
TYPE 'HC'
STYLE: CIRBH - ** - ** - HC - F80



How to order:

CIRBH - ** - ** - HC - F80

Shell size

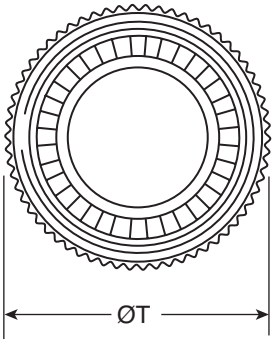
Contact arrangement

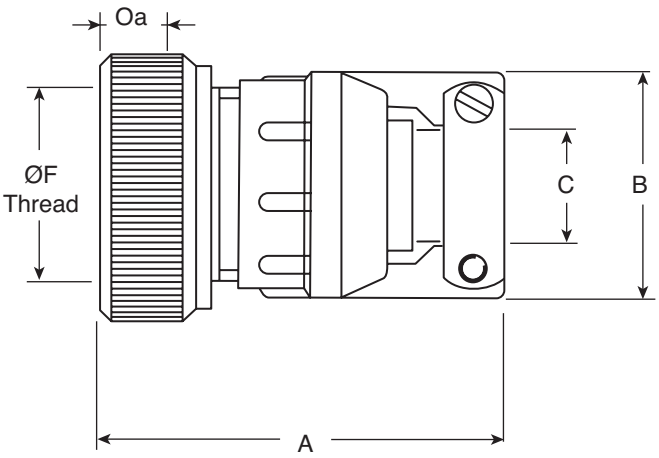
Metric
Imperial

Note: Clamp & bush are available separately.
See pages 83 & 84 respectively.

Shell Size	F Thread Dia. Class 2B	N1 Max	N2 Max	S	T Max	Oa Min Overlap Accessory
10SL	5/8" x 24 UNEF	40,10 **1.58**	100,10 **3.94**	5.59 **0.220**	22,70 **0.90**	7,00 **0.276**
14S	3/4" x 20 UNEF	41,70 **1.65**	96,70 **3.81**	7.92 **0.312**	27,50 **1.09**	7,00 **0.276**
16S	7/8" x 20 UNEF	43,50 **1.72**	98,50 **3.88**	11.10 **0.437**	30,00 **1.19**	7,00 **0.276**
16	7/8" x 20 UNEF	43,50 **1.72**	93,50 **3.68**	11.10 **0.437**	30,00 **1.19**	7,00 **0.276**
18	1" x 20 UNEF	50,00 **1.97**	95,00 **3.74**	14.27 **0.562**	33,00 **1.30**	7,00 **0.276**
20	1 1/8" x 18 UNEF	45,50 **1.80**	90,50 **3.57**	15.88 **0.625**	37,50 **1.48**	7,00 **0.276**
22	1 1/4" x 18 UNEF	45,50 **1.80**	90,50 **3.57**	15.88 **0.625**	37,50 **1.48**	7,00 **0.276**
24	1 3/8" x 18 UNEF	47,50 **1.87**	77,50 **3.05**	19.05 **0.750**	43,30 **1.71**	7,00 **0.276**
28	1 5/8" x 18 UNEF	47,60 **1.88**	77,60 **3.06**	19.05 **0.750**	43,30 **1.71**	7,00 **0.276**
32	1 7/8" x 16 UN	46,50 **1.83**	76,50 **3.02**	23.80 **0.937**	51,70 **2.04**	7,00 **0.276**
36	2 1/16" x 16 UNS	46,40 **1.826**	76,40 **3.01**	31.75 **1.250**	58,00 **2.29**	7,00 **0.276**
40	2 5/16" x 16 UN	59,80 **2.35**	73,80 **2.90**	34.92 **1.375**	65,00 **2.56**	7,00 **0.276**

LOCKING SEALED CABLE CLAMP
TYPE 'HD'
STYLE: CIRBH - ** - ** - HD - F80





How to order:

CIRBH - ** - ** - HD - F80

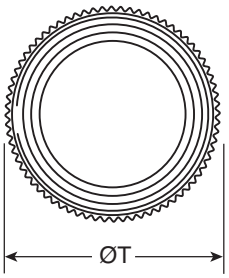
Shell size

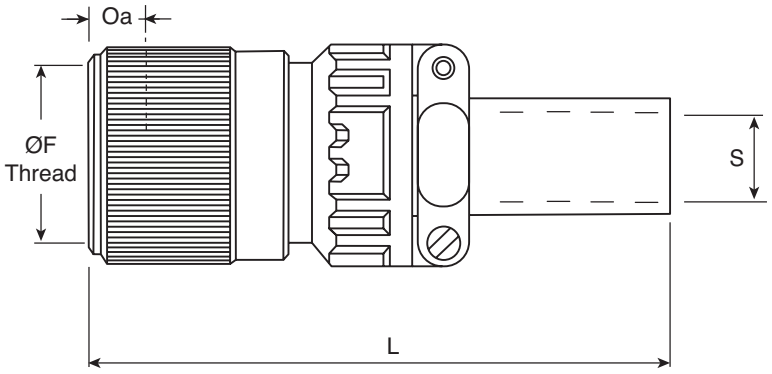
Contact arrangement

Metric
Imperial

Shell Size	A Max	B	C Max	C Min	F Thread Dia. Class 2B	T Max	Oa Min Overlap Accessory
10SL	58,87 **2.318**	23,80 **0.937**	7,93 **0.312**	2,38 **0.094**	5/8" x 24 UNEF	22,00 **0.866**	7,00 **0.276**
14S	58,87 **2.318**	26,97 **1.062**	11,12 **0.438**	6,35 **0.250**	3/4" x 20 UNEF	25,00 **0.984**	7,00 **0.276**
16S	58,87 **2.318**	30,18 **1.188**	13,48 **0.531**	7,92 **0.312**	7/8" x 20 UNEF	28,00 **0.984**	7,00 **0.276**
16	58,87 **2.318**	30,18 **1.188**	13,48 **0.531**	7,92 **0.312**	7/8" x 20 UNEF	28,00 **0.984**	7,00 **0.276**
18	62,44 **2.458**	33,32 **1.312**	15,87 **0.625**	9,53 **0.375**	1" x 20 UNEF	31,00 **1.220**	7,00 **0.276**
20	62,44 **2.458**	39,21 **1.562**	19,00 **0.748**	12,70 **0.500**	1 1/8" x 18 UNEF	35,00 **1.378**	7,00 **0.276**
22	62,44 **2.458**	39,21 **1.562**	19,00 **0.748**	12,70 **0.500**	1 1/4" x 18 UNEF	38,00 **1.496**	7,00 **0.276**
24	65,61 **2.583**	44,45 **1.750**	23,80 **0.937**	15,09 **0.594**	1 3/8" x 18 UNEF	41,00 **1.614**	7,00 **0.276**
28	65,71 **2.587**	44,45 **1.750**	23,80 **0.937**	15,09 **0.594**	1 5/8" x 18 UNEF	48,00 **1.890**	7,00 **0.276**
32	70,96 **2.794**	57,15 **2.250**	31,75 **1.250**	23,83 **0.938**	1 7/8" x 16 UN	54,00 **2.126**	7,00 **0.276**
36	77,31 **3.044**	60,33 **2.375**	35,00 **1.378**	24,61 **0.969**	2 1/16" x 16 UNS	61,00 **2.402**	7,00 **0.276**
40	77,31 **3.044**	66,68 **2.625**	41,25 **1.624**	30,18 **1.188**	2 5/16" x 16 UN	67,00 **2.638**	7,00 **0.276**

NON-LOCKING CABLE CLAMP WITH BUSHING
TYPE 'JE'
STYLE: CIRBH - ** - ** - JE - F80





How to order:

CIRBH - ** - ** - JE - F80

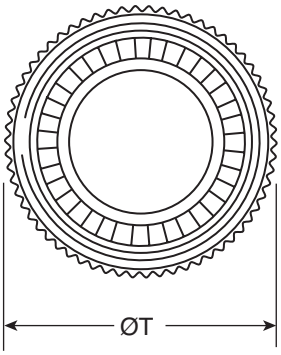
Shell size

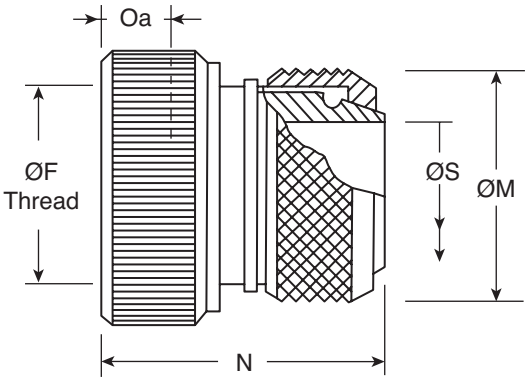
Contact arrangement

Metric
Imperial

Shell Size	F Thread dia. Class 2B	L Max	S	T Max	Oa Min Overlap Accessory
10SL	$^{5}/_{8}$" x 24 UNEF	99,13 **3.903**	5.59 **0.220**	19,10 **0.752**	7,00 **0.276**
14S	$^{3}/_{4}$" x 20 UNEF	95,96 **3.778**	7.92 **0.312**	22,10 **0.870**	7,00 **0.276**
16S	$^{7}/_{8}$" x 20 UNEF	92,78 **6.653**	11.10 **0.437**	25,50 **1.004**	7,00 **0.276**
16	$^{7}/_{8}$" x 20 UNEF	94,28 **3.712**	11.10 **0.437**	25,50 **1.004**	7,00 **0.276**
18	1" x 20 UNEF	97,51 **3.839**	14.27 **0.562**	28,60 **1.126**	7,34 **0.289**
20	1 $^{1}/_{8}$" x 18 UNEF	94,33 **3.714**	15.88 **0.625**	31,85 **1.254**	7,34 **0.289**
22	1 $^{1}/_{4}$" x 18 UNEF	94,33 **3.714**	15.88 **0.625**	35,03 **1.379**	7,34 **0.289**
24	1 $^{3}/_{8}$" x 18 UNEF	94,01 **3.701**	19.05 **0.750**	39,10 **1.539**	7,14 **0.281**
28	1 $^{5}/_{8}$" x 18 UNEF	94,01 **3.701**	19.05 **0.750**	45,60 **1.795**	6,34 **0.250**
32	1 $^{7}/_{8}$" x 16 UN	90,83 **3.576**	23.80 **0.937**	50,80 **2.000**	7,40 **0.291**
36	2 $^{1}/_{16}$" x 16 UNS	87,67 **3.452**	31.75 **1.250**	57,45 **2.262**	7,40 **0.291**
40	2 $^{5}/_{16}$" x 16 UN	84,43 **3.324**	34.92 **1.375**	63,10 **2.484**	6,34 **0.250**

LOCKING SCREENED CABLE ADAPTOR
TYPE 'M'
STYLE: CIRBH - ** - ** - SCA - F80





How to order:

CIRBH - ** - ** - SCA - F80

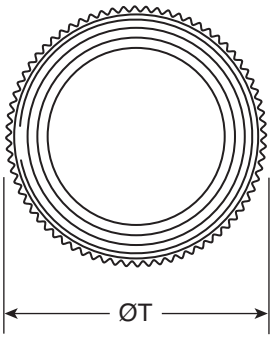
Shell size

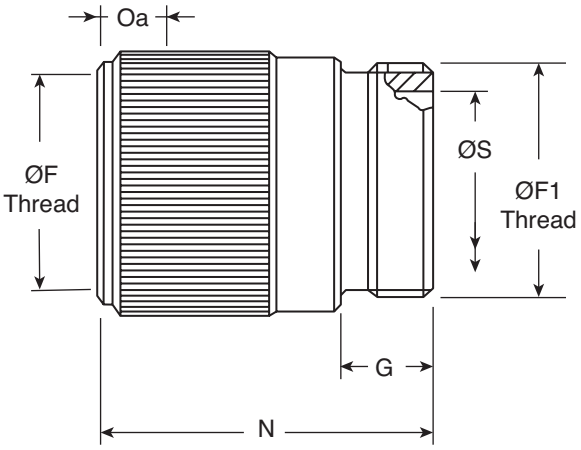
Contact arrangement

Metric
Imperial

Shell Size	F Thread Dia. Class 2B	M Max	N Max	S Min	T Max	Oa Min Overlap Accessory
10SL	$^{5}/_{8}$" x 24 UNEF	19,00 **0.748**	31,30 **0.812**	8,60 **0.339**	22,00 **0.87**	7,00 **0.276**
14S	$^{3}/_{4}$" x 20 UNEF	22,50 **0.886**	33,90 **1.335**	10,60 **0.417**	25,00 **0.99**	7,00 **0.276**
16S	$^{7}/_{8}$" x 20 UNEF	25,50 **1.004**	33,90 **1.335**	13,50 **0.532**	28,00 **1.11**	7,00 **0.276**
16	$^{7}/_{8}$" x 20 UNEF	25,50 **1.004**	33,90 **1.335**	13,50 **0.532**	28,00 **1.11**	7,00 **0.276**
18	1" x 20 UNEF	25,50 **1.004**	36,90 **1.453**	14,60 **0.575**	31,00 **1.22**	7,00 **0.276**
20	1 $^{1}/_{8}$" x 18 UNEF	32,50 **1.280**	36,90 **1.453**	18,50 **0.728**	35,00 **1.38**	7,00 **0.276**
22	1 $^{1}/_{4}$" x 18 UNEF	34,50 **1.358**	36,90 **1.453**	20,80 **0.819**	38,00 **1.50**	7,00 **0.276**
24	1 $^{3}/_{8}$" x 18 UNEF	38,50 **1.516**	36,90 **1.453**	24,60 **0.969**	41,00 **1.62**	7,00 **0.276**
28	1 $^{5}/_{8}$" x 18 UNEF	41,50 **1.634**	35,90 **1.413**	27,00 **1.063**	48,00 **1.89**	7,00 **0.276**
32	1 $^{7}/_{8}$" x 16 UN	48,50 **1.910**	35,90 **1.413**	33,30 **1.311**	54,00 **2.13**	7,00 **0.276**
36	2 $^{1}/_{16}$" x 16 UNS	55,50 **2.185**	35,90 **1.413**	38,50 **1.516**	61,00 **2.40**	7,00 **0.276**
40	2 $^{5}/_{16}$" x 16 UN	62,50 **2.461**	35,90 **1.413**	45,00 **1.772**	67,00 **2.638**	7,00 **0.276**

NON-LOCKING CONDUIT ADAPTOR
TYPE 'R'
STYLE: CIRBH - ** - ** - CCA - F80





Metric
Imperial

How to order:

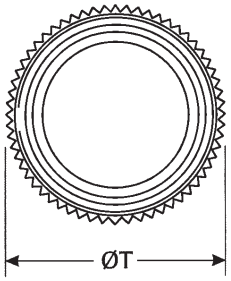
CIRBH - ** - ** - CCA - F80

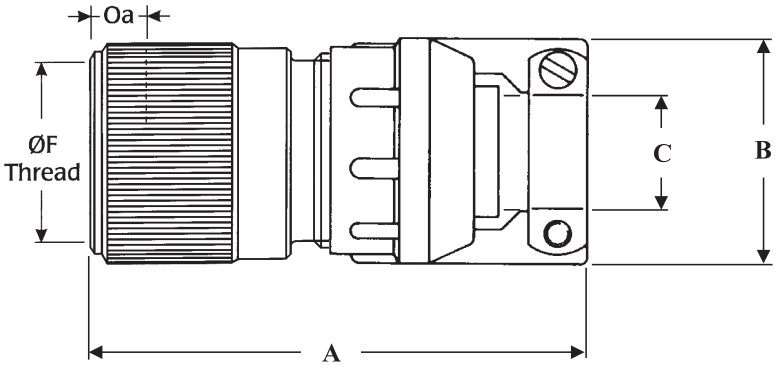
Shell size

Contact arrangement

Shell Size	F Thread Dia. Class 2B	F1 Thread Dia. Class 2A	G Max	N Max	S Min	T Max	Oa Min Overlap Accessory
10SL	5/8" x 24 UNEF	5/8" x 24 UNEF	10,10 **0.398**	29,10 **1.146**	8,80 **0.346**	19,10 **0.752**	7,00 **0.276**
14S	3/4" x 20 UNEF	3/4" x 20 UNEF	10,10 **0.398**	29,10 **1.146**	11,30 **0.445**	22,10 **0.870**	7,00 **0.276**
16S	7/8" x 20 UNEF	7/8" x 20 UNEF	10,10 **0.398**	29,10 **1.146**	18,54 **0.730**	25,50 **1.004**	7,00 **0.276**
16	7/8" x 20 UNEF	7/8" x 20 UNEF	10,10 **0.398**	30,60 **1.205**	18,54 **0.730**	25,50 **1.004**	7,00 **0.276**
18	1" x 20 UNEF	1" x 20 UNEF	10,10 **0.398**	37,00 **1.457**	16,70 **0.657**	28,60 **1.126**	7,34 **0.289**
20	1 1/8" x 18 UNEF	1 3/16" x 18 UNEF	10,10 **0.398**	37,00 **1.457**	19,80 **0.780**	31,85 **1.254**	7,34 **0.289**
22	1 1/4" x 18 UNEF	1 3/16" x 18 UNEF	10,10 **0.398**	37,00 **1.457**	19,80 **0.780**	35,03 **1.379**	7,34 **0.289**
24	1 3/8" x 18 UNEF	1 7/16" x 18 UNEF	11,10 **0.437**	39,85 **1.569**	25,40 **1.000**	39,10 **1.539**	7,14 **0.281**
28	1 5/8" x 18 UNEF	1 7/16" x 18 UNEF	11,10 **0.437**	39,85 **1.569**	30,13 **1.186**	45,60 **1.795**	6,34 **0.250**
32	1 7/8" x 16 UN	1 3/4" x 18 UNS	11,10 **0.437**	39,85 **1.569**	32,50 **1.280**	50,80 **2.000**	7,40 **0.291**
36	2 1/16" x 16 UNS	2" x 18 UNS	11,10 **0.437**	39,85 **1.569**	35,70 **1.406**	57,45 **2.262**	7,40 **0.291**
40	2 5/16" x 16 UN	2 1/4" x 16 UN	11,10 **0.437**	39,85 **1.569**	45,00 **1.772**	63,10 **2.484**	6,34 **0.250**

NON-LOCKING SEALED CABLE CLAMP
TYPE 'RC'
STYLE: CIRBH - ** - ** - RC - F80





How to order:

CIRBH - ** - ** - RC - F80

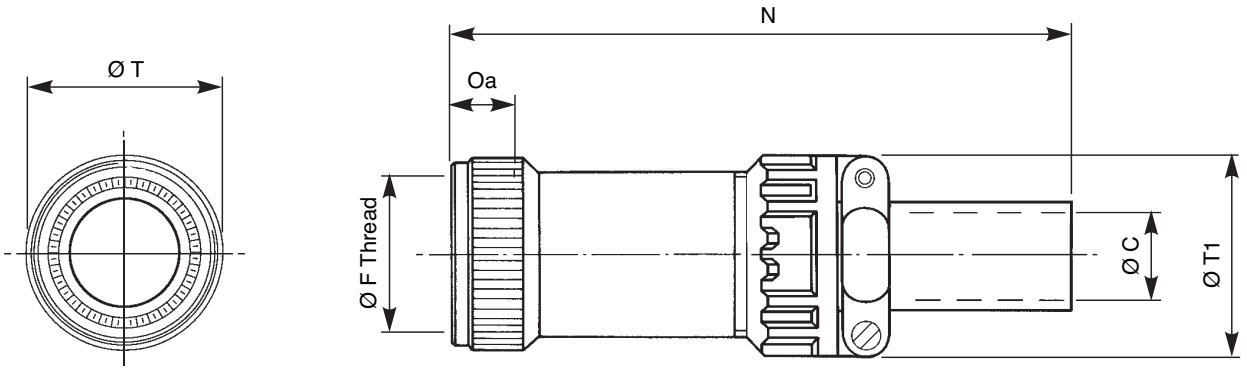
Shell size

Contact arrangement

Metric
Imperial

Shell Size	A Max	B	C Max	C Min	F Thread Dia. Class 2B	T Max	Oa Min Overlap Accessory
10SL	59,10 **2.327**	23,80 **0.937**	7,93 **0.312**	2,38 **0.094**	5/8" x 24 UNEF	19,10 **0.752**	7,00 **0.276**
14S	59,10 **2.327**	26,97 **1.062**	11,12 **0.438**	6,35 **0.250**	3/4" x 20 UNEF	22,10 **0.870**	7,00 **0.276**
16S	59,10 **2.327**	30,18 **1.188**	13,48 **0.531**	7,92 **0.312**	7/8" x 20 UNEF	25,50 **1.004**	7,00 **0.276**
16	60,60 **2.386**	30,18 **1.188**	13,48 **0.531**	7,92 **0.312**	7/8" x 20 UNEF	25,50 **1.004**	7,00 **0.276**
18	70,00 **2.756**	33,32 **1.312**	15,87 **0.625**	9,53 **0.375**	1" x 20 UNEF	28,60 **1.126**	7,34 **0.289**
20	70,00 **2.756**	39,21 **1.562**	19,00 **0.748**	12,70 **0.500**	1 1/8" x 18 UNEF	31,85 **1.254**	7,34 **0.289**
22	70,00 **2.756**	39,21 **1.562**	19,00 **0.748**	12,70 **0.500**	1 1/4" x 18 UNEF	35,03 **1.379**	7,34 **0.289**
24	75,85 **2.986**	44,45 **1.750**	23,80 **0.937**	15,09 **0.594**	1 3/8" x 18 UNEF	39,10 **1.539**	7,14 **0.281**
28	75,85 **2.986**	44,45 **1.750**	23,80 **0.937**	15,09 **0.594**	1 5/8" x 18 UNEF	45,60 **1.795**	6.34 **0.250**
32	81,85 **3.222**	57,15 **2.250**	31,75 **1.250**	23,83 **0.938**	1 7/8" x 16 UN	50,80 **2.000**	7,40 **0.291**
36	88,85 **3.498**	60,33 **2.375**	35,00 **1.378**	24,61 **0.969**	2 1/16" x 16 UNS	57,45 **2.262**	7,40 **0.291**
40	88,85 **3.498**	66,68 **2.625**	41,25 **1.624**	30,18 **1.188**	2 5/16" x 16 UN	63,10 **2.484**	6.34 **0.250**

LONG BACKSHELL WITH CABLE CLAMP & BUSHING
TYPE 'XLA'
STYLE: CIRBH - ** - ** - XLA - F80



How to order:

CIRBH - ** - ** - XLA - F80

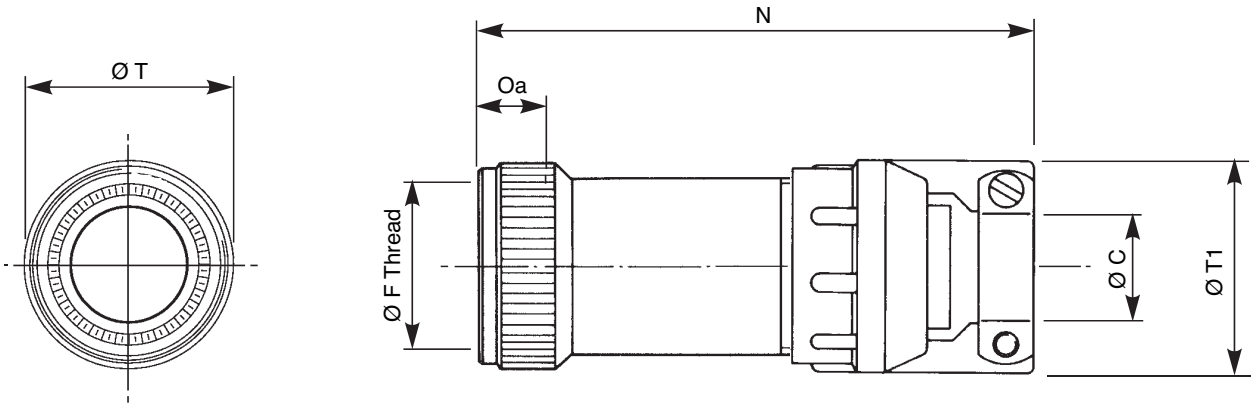
Shell size

Contact arrangement

Metric
Imperial

Shell Size	C	F Thread Dia. Class 2B	N	T Max	T1 Max	Oa Min Overlap Accessory
10SL	5,59 **0.220**	5/8" x 24 UNEF	118,35 **4.659**	22,00 **0.866**	22,70 **0.894**	7,00 **0.276**
14S	7,92 **0.312**	3/4" x 20 UNEF	115,18 **4.535**	25,00 **0.984**	27,50 **1.083**	7,00 **0.276**
16S	11,10 **0.437**	7/8" x 20 UNEF	112,00 **4.409**	28,00 **1.102**	30,00 **1.181**	7,00 **0.276**
16	11,10 **0.437**	7/8" x 20 UNEF	122,30 **4.815**	28,00 **1.102**	30,00 **1.181**	7,00 **0.276**
18	14,27 **0.562**	1" x 20 UNEF	119,13 **4.690**	31,00 **1.220**	33,00 **1.299**	7,00 **0.276**
20	15,88 **0.625**	1 1/8" x 18 UNEF	115,95 **4.565**	35,00 **1.378**	37,50 **1.476**	7,00 **0.276**
22	15,88 **0.625**	1 1/4" x 18 UNEF	115,95 **4.565**	38,00 **1.496**	37,50 **1.476**	7,00 **0.276**
24	19,05 **0.750**	1 3/8" x 18 UNEF	112,78 **4.440**	41,00 **1.614**	43,30 **1.704**	7,00 **0.276**
28	19,05 **0.750**	1 5/8" x 18 UNEF	119,78 **4.716**	48,00 **1.889**	43,30 **1.704**	7,00 **0.276**
32	23,80 **0.937**	1 7/8" x 16 UN	116,60 **4.591**	54,00 **2.126**	51,70 **2.035**	7,00 **0.276**
36	31,75 **1.250**	2 1/16" x 16 UNS	113,43 **4.466**	61,00 **2.402**	58,00 **2.283**	7,00 **0.276**
40	34,92 **1.375**	2 5/16" x 16 UN	110,20 **4.338**	67,00 **2.638**	65,00 **2.559**	7,00 **0.276**

LONG BACKSHELL WITH SEALED CABLE CLAMP
TYPE 'XLC'
STYLE: CIRBH - ** - ** - XLC - F80



How to order:

CIRBH - ** - ** - XLC - F80

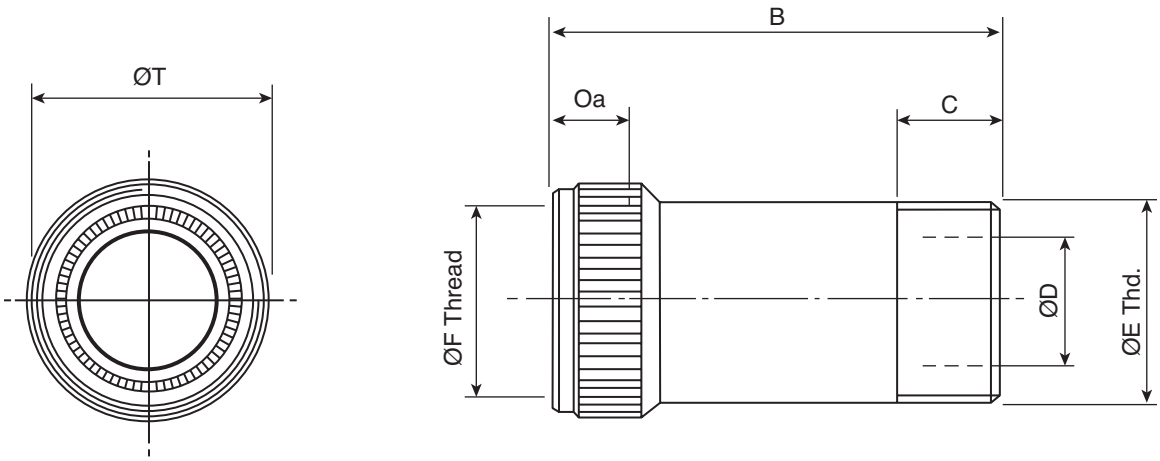
Shell size

Contact arrangement

Metric
Imperial

Shell Size	C Max	C Min	F Thread Dia. Class 2B	N	T Max	T1 Max	Oa Min Overlap Accessory
10SL	7,93 **0.312**	2,38 **0.094**	5/8" x 24 UNEF	79,47 **3.129**	22,00 **0.866**	23,80 **0.937**	7,00 **0.276**
14S	11,12 **0.438**	6,35 **0.250**	3/4" x 20 UNEF	79,47 **3.129**	25,00 **0.984**	26,97 **1.062**	7,00 **0.276**
16S	13,48 **0.531**	7,92 **0.312**	7/8" x 20 UNEF	79,47 **3.129**	28,00 **1.102**	30,18 **1.188**	7,00 **0.276**
16	13,48 **0.531**	7,92 **0.312**	7/8" x 20 UNEF	91,33 **3.596**	28,00 **1.102**	30,18 **1.188**	7,00 **0.276**
18	15,87 **0.625**	9,53 **0.375**	1" x 20 UNEF	91,33 **3.596**	31,00 **1.220**	33,32 **1.312**	7,00 **0.276**
20	19,00 **0.748**	12,70 **0.500**	1 1/8" x 18 UNEF	91,33 **3.596**	35,00 **1.378**	39,67 **1.562**	7,00 **0.276**
22	19,00 **0.748**	12,70 **0.500**	1 1/4" x 18 UNEF	91,33 **3.596**	38,00 **1.496**	39,67 **1.562**	7,00 **0.276**
24	23,80 **0.937**	15,09 **0.594**	1 3/8" x 18 UNEF	94,51 **3.721**	41,00 **1.614**	44,45 **1.750**	7,00 **0.276**
28	23,80 **0.937**	15,09 **0.594**	1 5/8" x 18 UNEF	101,51 **3.996**	48,00 **1.889**	44,45 **1.750**	7,00 **0.276**
32	31,75 **1.250**	23,83 **0.938**	1 7/8" x 16 UN	107,86 **4.246**	54,00 **2.126**	57,15 **2.250**	7,00 **0.276**
36	35,00 **1.378**	24,61 **0.969**	2 1/16" x 16 UNS	114,21 **4.496**	61,00 **2.402**	60,33 **2.375**	7,00 **0.276**
40	41,25 **1.624**	30,18 **1.188**	2 5/16" x 16 UN	114,21 **4.496**	67,00 **2.638**	66,68 **2.625**	7,00 **0.276**

LONG BACKSHELL WITH GROMMET
TYPE 'SHE'
STYLE: CIRBH - ** - ** - SHE - F80



How to order:

CIRBH - ** - ** - SHE - F80

Shell size

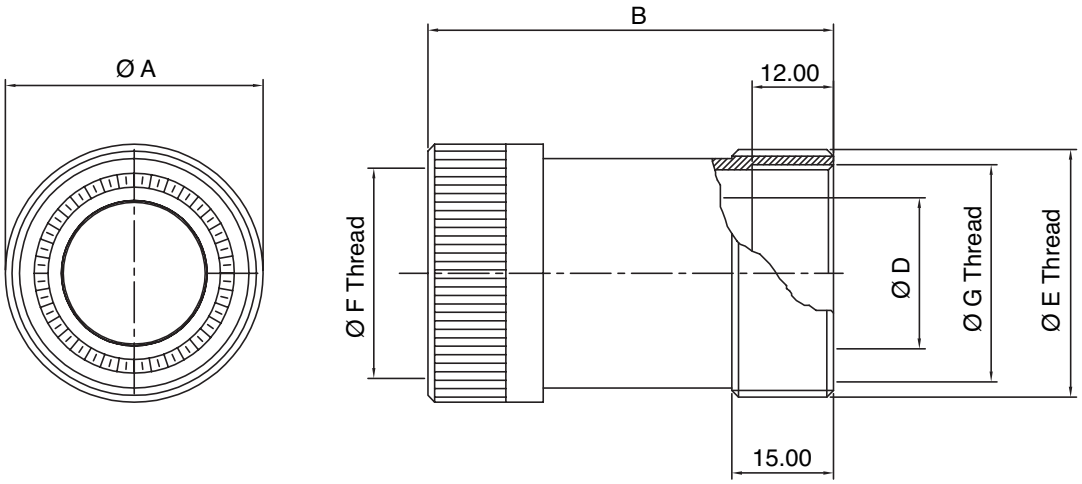
Contact arrangement

Metric
Imperial

Shell Size	Ø T (Max.)	B	C ±0.10	ØD ±0/-0.10	Ø E Thd.	Ø F Thd.	Oa (Min)
10SL	22,0 **0.866**	48,5 **1.909**	15,0 **0.591**	8,5 **0.335**	5/8" x 24 UNEF	5/8" x 24 UNEF	7,0 **0.276**
14S	25,0 **0.984**	48,5 **1.909**	15,0 **0.591**	11,7 **0.461**	3/4" x 20 UNEF	3/4" x 20 UNEF	7,0 **0.276**
16S	28,0 **1.102**	48,5 **1.909**	15,0 **0.591**	13,9 **0.547**	7/8" x 20 UNEF	7/8" x 20 UNEF	7,0 **0.276**
16	28,0 **1.103**	58,8 **2.303**	15,0 **0.591**	13,9 **0.547**	7/8" x 20 UNEF	7/8" x 20 UNEF	7,0 **0.276**
18	31,0 **1.220**	58,8 **2.303**	15,0 **0.591**	16,9 **0.666**	1" x 20 UNEF	1" x 20 UNEF	7,0 **0.276**
20	35,0 **1.378**	58,8 **2.303**	15,0 **0.591**	20,9 **0.823**	1 3/16" x 18 UNEF	1 1/8" x 18 UNEF	7,0 **0.276**
22	38,0 **1.496**	58,8 **2.303**	15,0 **0.591**	20,9 **0.823**	1 3/16" x 18 UNEF	1 1/4" x 18 UNEF	7,0 **0.276**
24	41,0 **1.614**	58,8 **2.303**	15,0 **0.591**	25,9 **1.020**	1 7/16" x 18 UNEF	1 3/8" x 18 UNEF	7,0 **0.276**
28	48,0 **1.890**	65,8 **2.303**	15,0 **0.591**	25,9 **1.020**	1 7/16" x 18 UNEF	1 5/8" x 18 UNEF	7,0 **0.276**
32	54,0 **2.126**	65,8 **2.303**	15,0 **0.591**	32,0 **1.260**	1 3/4" x 18 UNS	1 7/8" x 16 UN	7,0 **0.276**
36	61,0 **2.402**	65,8 **2.303**	15,0 **0.591**	36,9 **1.453**	2" x 18 UNS	2 1/16" x 16 UNS	7,0 **0.276**
40	67,0 **2.638**	65,8 **2.303**	15,0 **0.591**	44,9 **1.768**	2 1/4" x 16 UN	2 5/16" x 16 UN	7,0 **0.276**

STEP-UP ADAPTOR -
TYPE 'SUAM/SUAP'
STYLE: CIRBH - ** - ** - SUA* - F80

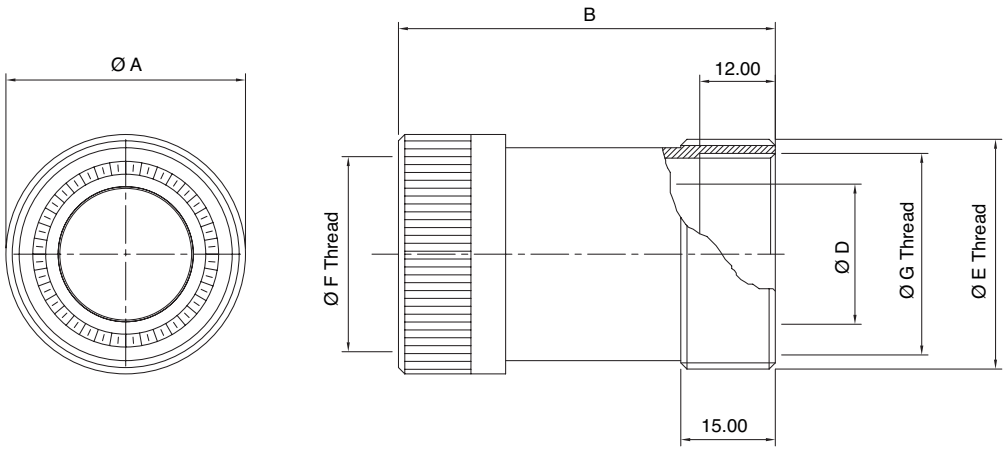
* Indicates: M = Metric / P = PG



Shell Size	Thread F	ØA max.	B	ØD +0/-0.10 bore	Thread E	ØG Thread	
						Metric	PG
10SL	Consult TE						
14S	Consult TE						
16S	Consult TE						
16	Consult TE						
18	1" x 20 UNEF	31.0	58.8	16.7	1 3/16" x 18 UNEF	M25 x 1.5	PG 16
20	1 1/8" x 18 UNEF	35.0	58.8	19.8	1 7/16" x 18 UNEF	M32 x 1.5	PG 21
22	1 1/4" x 18 UNEF	38.0	58.8	19.8	1 7/16" x 18 UNEF	M32 x 1.5	PG 21
24	1 3/8" x 18 UNEF	41.0	58.8	25.4	1 3/4" x 18 UNEF	M40 x 1.5	PG 29
28	1 5/8" x 18 UNEF	48.0	65.8	27.0	1 3/4" x 18 UN	M40 x 1.5	PG 29
32	1 7/8" x 16 UNEF	54.0	65.8	32.5	2" x 18 UNS	M40 x 1.5	PG 29
36	2 1/16" x 16 UNS	61.0	65.8	35.7	2 1/4" x 16 UN	M50 x 1.5	PG 36
40	2 5/16" x 16 UNS	67.0	65.8	45.0	2 1/2" x 16 UN	M50 x 1.5	PG 42

STEP-DOWN ADAPTORS - METRIC/PG INNER THREAD, IMPERIAL OUTER THREAD STYLE: CIRBH - ** - ** - SDA*

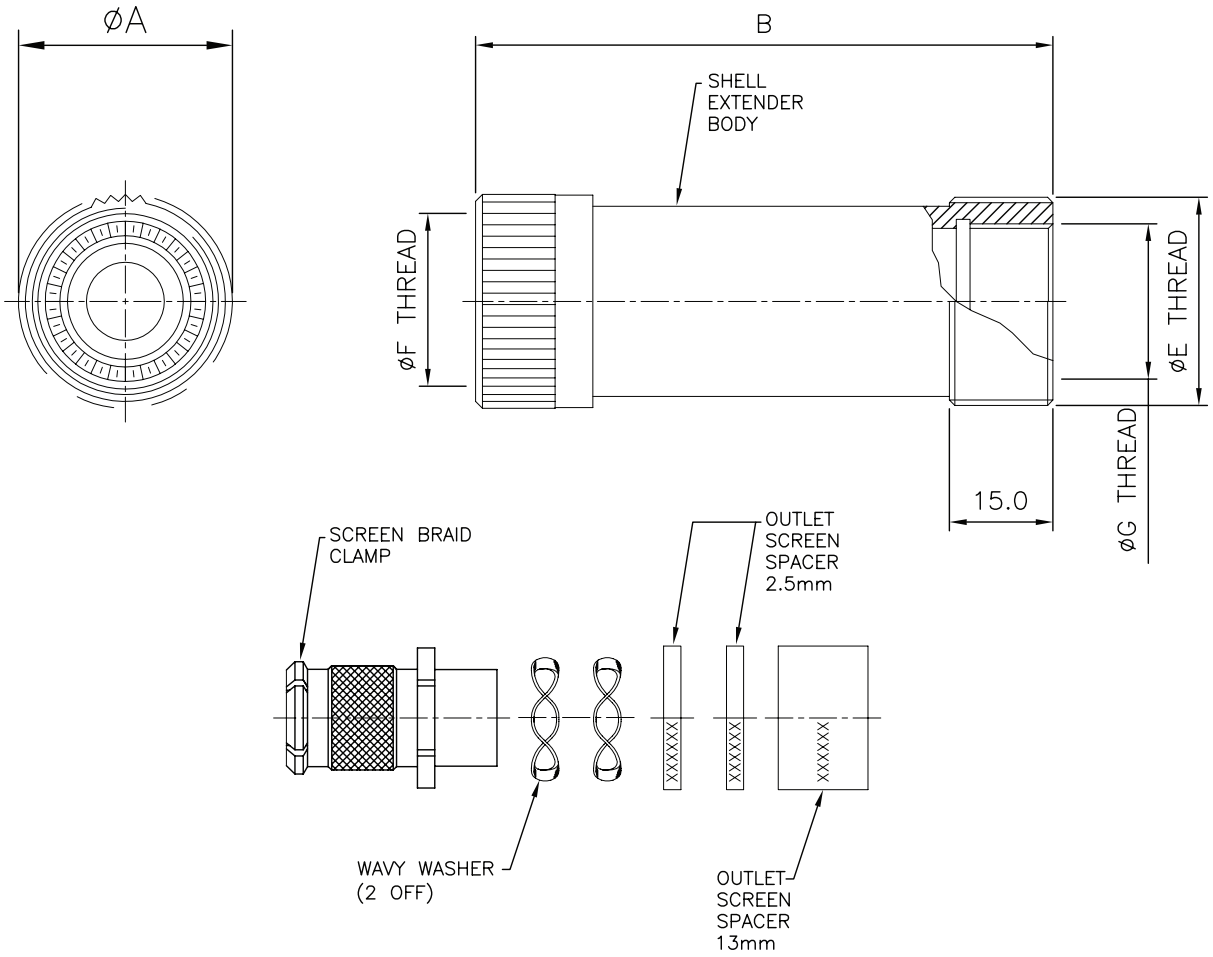
* Indicates: M = Metric / P = PG



Shell Size	ØF Thread	ØE Thread	ØG Thread		ØA max.	B	ØD +0/-0.10 Bore
			Metric	PG			
10SL	Consult TE						
14S	Consult TE						
16S	Consult TE						
16	Consult TE						
18	1" x 20 UNEF	$^{7}/_{8}$" x 20 UNEF	M18 x 1.5	PG11	31.00	58.8	TBC
20	1 $^{1}/_{8}$" x 18 UNEF	1" x UNEF	M20 x 1.5	PG13.5	35.00	58.8	TBC
22	1 $^{1}/_{4}$" x 18 UNEF	1" x UNEF	M20 x 1.5	PG13.5	38.00	58.8	TBC
24	1 $^{3}/_{8}$" x 18 UNEF	1 $^{3}/_{16}$" x 18 UNEF	M25 x 1.5	PG16	41.00	58.8	TBC
28	1 $^{5}/_{8}$" x 18 UNEF	1 $^{3}/_{16}$" x 18 UNEF	M25 x 1.5	PG16	48.00	65.8	TBC
32	1 $^{7}/_{8}$" x 16 UNEF	1 $^{7}/_{16}$" x 16 UNEF	M32 x 1.5	PG21	54.00	65.8	TBC
36	2 $^{1}/_{16}$" x 16 UNS	1 $^{3}/_{4}$" x 16 UNEF	M40 x 1.5	PG29	61.00	65.8	TBC
40	2 $^{5}/_{16}$" x 16 UNS	2" x 16 UNS	M40 x 1.5	PG29	67.00	73	TBC

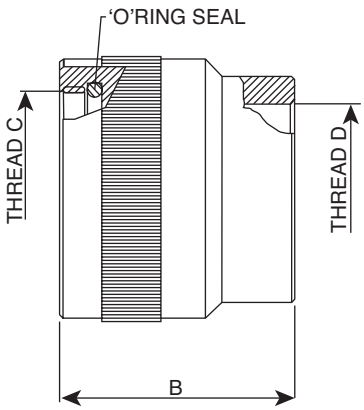
SCREENED SHELL EXTENDER - METRIC/PG INNER THREAD, IMPERIAL OUTER THREAD STYLE: CIRBH - ** - ** - SUA*S

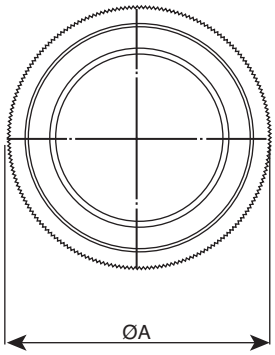
* Indicates: M = Metric / P = PG



Shell Size	ØF Thread	ØE Thread	ØG Thread		ØA max.	B
			Metric	PG		
10SL	Consult TE					
14S	Consult TE					
16S	Consult TE					
16	Consult TE					
18	1" x 20 UNEF	1 3/16" x 18 UNEF	M25 x 1.5	PG16	31.00	83.3
20	1 1/8" x 18 UNEF	1 7/16" x 18 UNEF	M32 x 1.5	PG21	35.00	83.3
22	1 1/4" x 18 UNEF	1 7/16" x 18 UNEF	M32 x 1.5	PG21	38.00	83.3
24	1 3/8" x 18 UNEF	1 3/4" x 18 UNEF	M40 x 1.5	PG29	41.00	83.3
28	1 5/8" x 18 UNEF	1 3/4" x 18 UN	M40 x 1.5	PG29	48.00	83.3
32	1 7/8" x 16 UNEF	2" x 18 UNS	M40 x 1.5	PG29	54.00	83.3
36	2 1/16" x 16 UNS	2 1/4" x 16 UN	M50 x 1.5	PG36	61.00	83.3
40	2 5/16" x 16 UNS	2 1/2" x 16 UN	M50 x 1.5	PG42	67.00	83.3

PG THREADED ADAPTORS (FITTING ON ACA, CCA, XL & FT ACCESSORY WITH PG/METRIC THREAD)





Part Number Key

CIRB ## #GA #

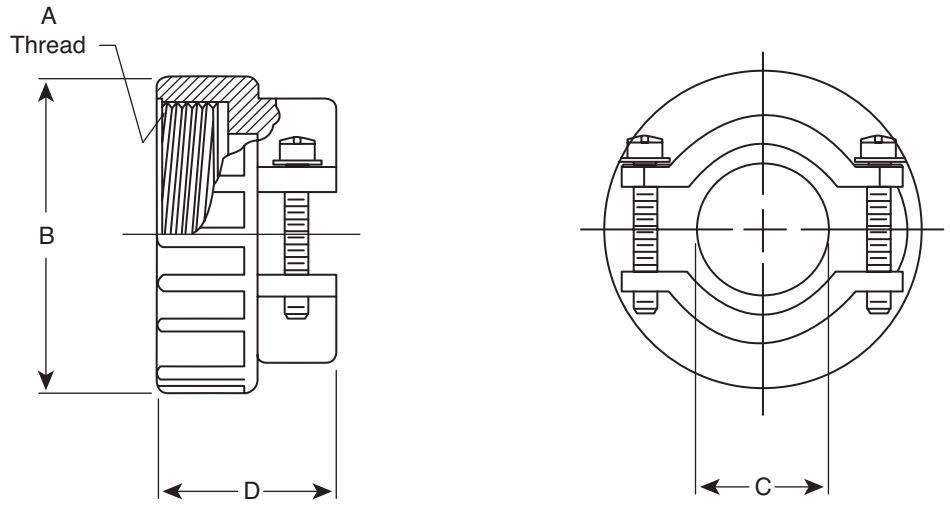
- CIRB — P/N Prefix
- ## — Accessory Size
- #GA — Thread Designation: *P*GA - Imperial, *M*GA - Metric
- # — Thread 'D' (see table)

P/N Example to fit shell size 20 with a rear metric thread size M25

CIRB 20 M GA D

Shell Size	Part Number	ØA	B	Thread C
10SL	CIRB-10SL-#GA-#M32	20.00	35.00	$^{5}/_{8}$" x 24 UNEF
14S	CIRB-14S-#GA-#M32	23.50	35.00	$^{3}/_{4}$" x 20 UNEF
16S	CIRB-16S-#GA-#M32	28.00	35.00	$^{7}/_{8}$" x 20 UNEF
18	CIRB-18-#GA-#M32	34.00	40.00	1" x 20 UNEF
20-22	CIRB-20-#GA-#M32	37.00	35.00	1 $^{3}/_{16}$" x 18 UNEF
20-22	CIRB-20-#GA-#M32	43.00	40.00	
24-28	CIRB-24-#GA-#M32			1 $^{7}/_{16}$" x 18 UNEF
24-28	CIRB-24-#GA-#M32			
24-28	CIRB-24-#GA-#M32	54.00	46.00	
32	CIRB-32-#GA-#M32		38.00	1 $^{3}/_{4}$" x 18 UNS
36	CIRB-36-#GA-#M32	57.20	50.00	2" x 18 UNS
40	CIRB-40-#GA-#M32	65.00	51.00	2 $^{1}/_{4}$" x 16 UN

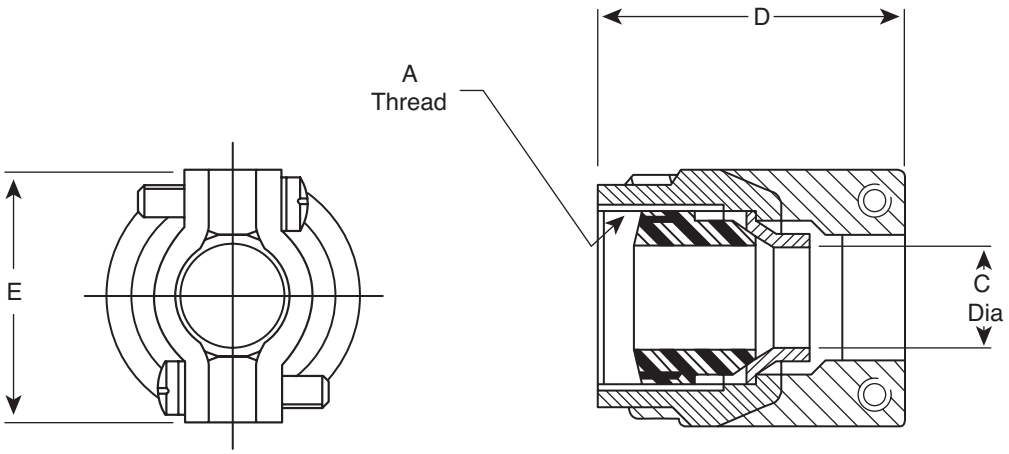
Thread Table (D)			
Imperial (PGA)	**Thread Size**	**Metric (MGA)**	**Thread Size**
A	PG7	**A**	M12
B	PG9	**B**	M16
C	PG11	**C**	M20
D	PG13.5	**D**	M25
E	PG16	**E**	M32
F	PG21	**F**	M40
G	PG29	**G**	M50
H	PG36	**H**	M63
J	PG42		
K	PG48		



Metric
Imperial

Shell Size	MS3057 Reference	Part Number	A Thread Dia. Class 2A	B Max	C Max	D Max
10SL	-4A	CIRMSP3057A10SL	5/8" x 24 UNEF	21,41 **0.843**	7,95 **0.313**	21,41 **0.843**
14S	-6A	CIRMSP3057A14S	3/4" x 20 UNEF	25,40 **1.000**	11,13 **0.438**	23,01 **0.906**
16S	-8A	CIRMSP3057A16S	7/8" x 20 UNEF	28,58 **1.125**	14,30 **0.563**	24,61 **0.969**
16	-8A	CIRMSP3057A16	7/8" x 20 UNEF	28,58 **1.125**	14,30 **0.563**	24,61 **0.969**
18	-10A	CIRMSP3057A18	1" x 20 UNEF	30,96 **1.219**	15,88 **0.625**	24,61 **0.969**
20	-12A	CIRMSP3057A20	1 3/16" x 18 UNEF	35,71 **1.406**	19,05 **0.750**	24,61 **0.969**
22	-12A	CIRMSP3057A22	1 3/16" x 18 UNEF	35,71 **1.406**	19,05 **0.750**	24,61 **0.969**
24	-16A	CIRMSP3057A24	1 7/16" x 18 UNEF	42,85 **1.687**	23,83 **0.938**	26,97 **1.062**
28	-16A	CIRMSP3057A28	1 7/16" x 18 UNEF	42,85 **1.687**	23,83 **0.938**	26,97 **1.062**
32	-20A	CIRMSP3057A32	1 3/4" x 18 UNS	52,37 **2.062**	31,75 **1.250**	28,58 **1.125**
36	-24A	CIRMSP3057A36	2" x 18 UNS	57,15 **2.250**	34,93 **1.375**	30,15 **1.187**
40	-28A	CIRMSP3057A40	2 1/4" x 16 UN	64,29 **2.531**	41,28 **1.625**	43,66 **1.719**

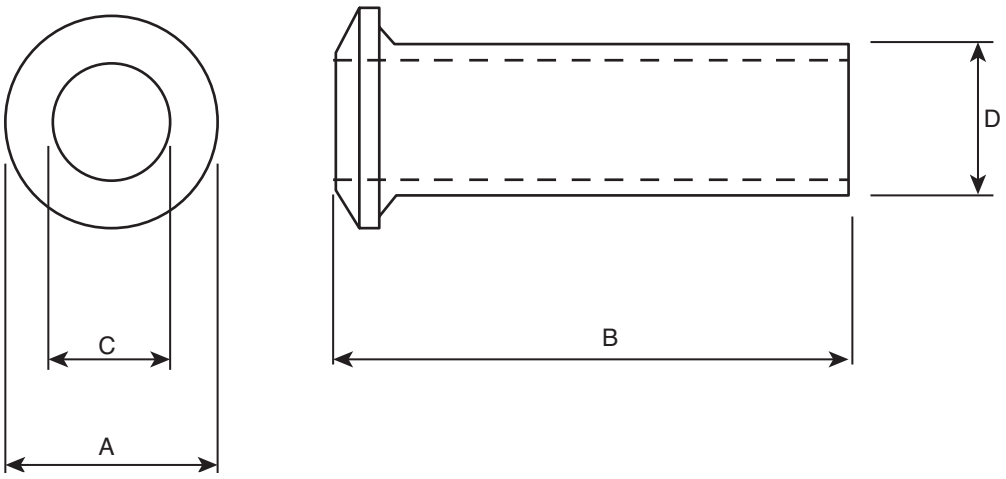
SEALED CABLE CLAMP FOR JACKETED CABLE
STYLE: MS3057C



Metric
Imperial

Shell Size	MS3057 Reference	Part Number	A Thread Dia. Class 2A	C Dia. Max	C Dia. Min	D Max	E Max
10SL	-4C	CIRMSP3057C10SL	5/8" x 24 UNEF	7,93 **0.312**	2,38 **0.094**	34,93 **1.375**	23,80 **0.937**
14S	-6C	CIRMSP3057C14S	3/4" x 20 UNEF	11,12 **0.438**	6,35 **0.250**	34,93 **1.375**	26,97 **1.062**
16S	-8C	CIRMSP3057C16S	7/8" x 20 UNEF	13,48 **0.531**	7,92 **0.312**	34,93 **1.375**	30,18 **1.188**
16	-8C	CIRMSP3057C16	7/8" x 20 UNEF	13,48 **0.531**	7,92 **0.312**	34,93 **1.375**	30,18 **1.188**
18	-10C	CIRMSP3057C18	1" x 20 UNEF	15,87 **0.625**	9,53 **0.375**	36,50 **1.437**	33,32 **1.312**
20	-12C	CIRMSP3057C20	1 3/16" x 18 UNEF	19,00 **0.748**	12,70 **0.500**	36,50 **1.437**	39,21 **1.562**
22	-12C	CIRMSP3057C22	1 3/16" x 18 UNEF	19,00 **0.748**	12,70 **0.500**	36,50 **1.437**	39,21 **1.562**
24	-16C	CIRMSP3057C24	1 7/16" x 18 UNEF	23,80 **0.937**	15,09 **0.594**	39,67 **1.562**	44,45 **1.750**
28	-16C	CIRMSP3057C28	1 7/16" x 18 UNEF	23,80 **0.937**	15,09 **0.594**	39,67 **1.562**	44,45 **1.750**
32	-20C	CIRMSP3057C32	1 3/4" x 18 UNS	31,75 **1.250**	23,83 **0.938**	46,02 **1.812**	57,15 **2.250**
36	-24C	CIRMSP3057C36	2" x 18 UNS	35,00 **1.378**	24,61 **0.969**	52,37 **2.062**	60,33 **2.375**
40	-28C	CIRMSP3057C40	2 1/4" x 16 UN	41,25 **1.624**	30,18 **1.188**	52,37 **2.062**	66,68 **2.625**

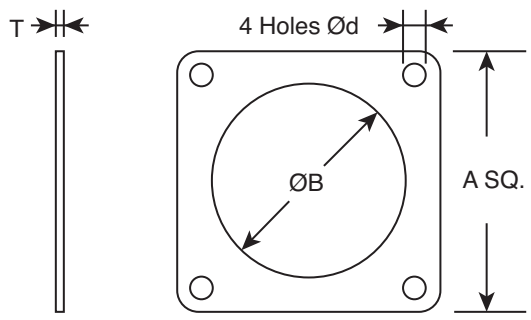
TELESCOPIC BUSHING
STYLE: MS 3057A



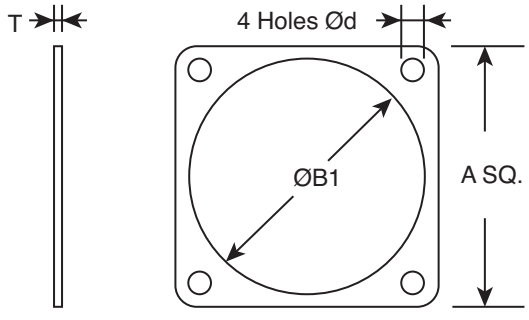
Metric
Imperial

Note: The bushings can fit inside one another to reduce the cable entry diameter and improving clamping and sealing.

Shell Size	Part Number	A	B	C	D
10SL	CIRSBMSH5541	12,83 **0.505**	69,85 **2.750**	5,59 **0.220**	7,62 **0.300**
14S	CIRSBMSH5542	15,88 **0.625**	66,68 **2.625**	7,92 **0.312**	10,80 **0.425**
16S	CIRSBMSH5543	19,05 **0.750**	63,50 **2.500**	11,10 **0.437**	13,97 **0.550**
16	CIRSBMSH5543	19,05 **0.750**	63,50 **2.500**	11,10 **0.437**	13,97 **0.550**
18	CIRSBMSH5544	22,23 **0.875**	60,33 **2.375**	14,27 **0.562**	15,57 **0.613**
20	CIRSBMSH5545	25,40 **1.000**	57,15 **2.250**	15,88 **0.625**	18,75 **0.738**
22	CIRSBMSH5546	28,58 **1.125**	57,15 **2.250**	15,88 **0.625**	18,75 **0.738**
24	CIRSBMSH5547	31,75 **1.250**	53,98 **2.125**	19,05 **0.750**	23,50 **0.925**
28	CIRSBMSH5548	38,23 **1.505**	53,98 **2.125**	19,05 **0.750**	23,50 **0.925**
32	CIRSBMSH5549	44,45 **1.750**	50,80 **2.000**	23,80 **0.937**	31,45 **1.238**
36	CIRSBMSH55410	47,88 **1.885**	47,63 **1.875**	31,75 **1.250**	34,62 **1.363**
40	CIRSBMSH55411	52,90 **2.083**	44,40 **1.748**	34,92 **1.375**	40,99 **1.614**



Front Mounted Receptacle
Part Number:
Non-Screening- CIRSB - ** - RPG
RFI Screening- CIRSB - ** - RPGS



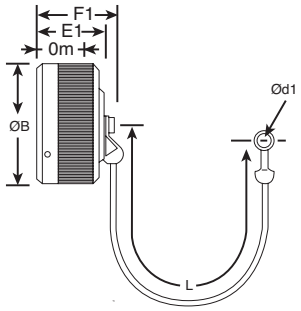
Rear Mounted Receptacle
Part Number:
Non-Screening- CIRSB - ** - FPG
RFI Screening- CIRSB - ** - FPGS

Metric
Imperial

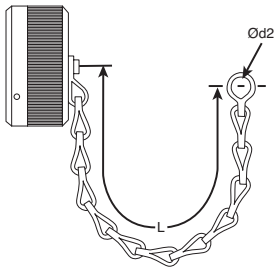
Shell Size	A Min	B Nominal	B1 Nominal	d Min	T Nominal
10SL	25,40 **1.000**	15,88 **0.625**	18,30 **0.720**	3,43 **0.135**	1,00 **0.040**
14S	30,20 **1.188**	19,00 **0.750**	24,70 **0.972**	3,43 **0.135**	1,00 **0.040**
16S	32,50 **1.280**	22,20 **0.875**	27,50 **1.083**	3,43 **0.135**	1,00 **0.040**
16	32,50 **1.280**	22,20 **0.875**	27,50 **1.083**	3,43 **0.135**	1,00 **0.040**
18	34,90 **1.375**	25,40 **1.000**	30,90 **1.217**	3,43 **0.135**	1,00 **0.040**
20	38,10 **1.500**	28,60 **1.125**	34,30 **1.350**	3,43 **0.135**	1,00 **0.040**
22	41,30 **1.625**	31,70 **1.250**	37,50 **1.476**	3,43 **0.135**	1,00 **0.040**
24	44,50 **1.750**	34,90 **1.375**	41,00 **1.614**	4,12 **0.162**	1,00 **0.040**
28	50,80 **2.000**	41,30 **1.625**	46,80 **1.843**	4,12 **0.162**	1,00 **0.040**
32	57,20 **2.250**	47,60 **1.875**	53,50 **2.106**	4,78 **0.188**	1,00 **0.040**
36	63,50 **2.500**	52,60 **2.071**	59,70 **2.350**	4,78 **0.188**	1,00 **0.040**
40	69,90 **2.750**	61,90 **2.440**	65,50 **2.580**	5,10 **2.010**	1,00 **0.040**
***49**	110,00 **4.331**	98,10 **3.862**	98,10 **3.862**	7,90 **0.311**	1,25 **0.049**

*Size 49 is available as non-screened version only.

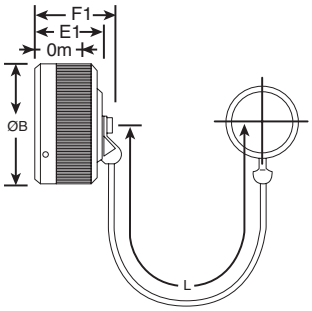
CIRBE-**-X-PCA (with nylon cord)



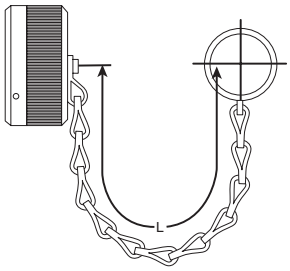
CIRBE-**-X-PCAK (with sash chain)



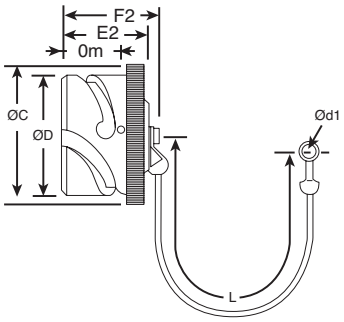
CIRBE-**-X-PCAJ (with nylon cord)



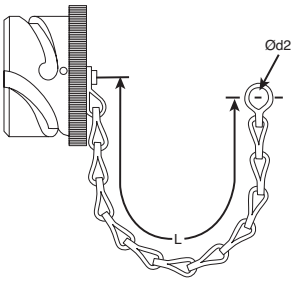
CIRBE-**-X-PCAJK (with sash chain)



CIRB-**-E-PCA (with nylon cord)



CIRB-**-E-PCAK (with sash chain)



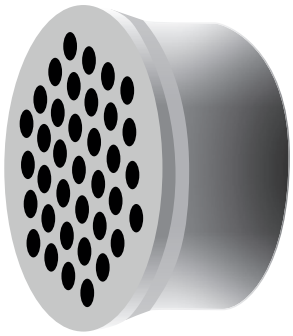
Caps for Single Hole Mounting Receptacle

Metric
Imperial

Shell Size	B Max	C Max	D Max	E1 Max	E2 Max	F1 Max	F2 Max	L approx. See note	d1 Min	d2 +0.5, -0 +0.02, -0	Om Min Overlap Mated
10SL	22,80 **0.898**	26,10 **1.028**	18,20 **0.717**	17,50 **0.689**	21,60 **0.850**	24,60 **0.969**	28,40 **1.118**	100,00 **4.000**	4,85 **0.191**	4,30 **0.169**	11,10 **0.437**
14S	29,20 **1.150**	32,50 **1.280**	24,60 **0.969**	17,50 **0.689**	21,60 **0.850**	24,60 **0.969**	28,40 **1.118**	100,00 **4.000**	4,85 **0.191**	4,30 **0.169**	11,10 **0.437**
16S	32,40 **1.276**	35,30 **1.390**	27,40 **1.079**	17,50 **0.689**	21,60 **0.850**	24,60 **0.969**	28,40 **1.118**	100,00 **4.000**	4,85 **0.191**	4,30 **0.169**	11,10 **0.437**
16	32,40 **1.276**	35,30 **1.390**	27,40 **1.079**	24,00 **0.945**	27,30 **1.075**	24,60 **0.969**	28,40 **1.118**	100,00 **4.000**	4,85 **0.191**	4,30 **0.169**	15,85 **0.624**
18	36,50 **1.437**	38,70 **1.524**	30,80 **1.213**	24,00 **0.945**	27,30 **1.075**	29,80 **1.173**	33,90 **1.335**	150,00 **6.000**	4,85 **0.191**	4,30 **0.169**	15,85 **0.624**
20	39,90 **1.571**	42,10 **1.658**	34,20 **1.346**	24,00 **0.945**	27,30 **1.075**	29,80 **1.173**	33,90 **1.335**	150,00 **6.000**	4,85 **0.191**	4,30 **0.169**	15,85 **0.624**
22	43,10 **1.697**	45,30 **1.784**	37,40 **1.472**	24,00 **0.945**	27,30 **1.075**	29,80 **1.173**	33,90 **1.335**	150,00 **6.000**	4,85 **0.191**	4,30 **0.169**	15,75 **0.620**
24	46,60 **1.835**	48,80 **1.921**	40.90 **1.610**	24,00 **0.945**	27,30 **1.075**	29,80 **1.173**	33,90 **1.335**	150,00 **6.000**	4,85 **0.191**	4,30 **0.169**	15,75 **0.620**
28	53,40 **2.102**	54,60 **2.150**	46,70 **1.838**	24,00 **0.945**	27,30 **1.075**	29,80 **1.173**	33,90 **1.335**	150,00 **6.000**	4,85 **0.191**	4,30 **0.169**	15,75 **0.620**
32	60,10 **2.366**	61,30 **2.413**	53,40 **2.102**	27,00 **1.063**	27,30 **1.075**	29,80 **1.173**	33,90 **1.335**	150,00 **6.000**	4,85 **0.191**	5,50 **0.217**	15,75 **0.620**
36	66,30 **2.610**	67,50 **2.658**	59,60 **2.346**	27,00 **1.063**	27,30 **1.075**	29,80 **1.173**	33,90 **1.335**	150,00 **6.000**	4,85 **0.191**	5,50 **0.217**	15,75 **0.620**
40	72,10 **2.838**	73,40 **2.890**	65.50 **2.579**	27,00 **1.063**	27,30 **1.075**	29,80 **1.173**	33,90 **1.335**	150,00 **6.000**	4,85 **0.191**	5,50 **0.217**	15,75 **0.620**

Note: For alternative cord or chain length, please consult TE.

INDIVIDUAL WIRE SEAL GROMMET
DUMMY PIN, SOCKET & GROMMET FILLER PLUG



How to order:

CIRBH - ** - ** - GAC - F80

Shell size

Contact arrangement

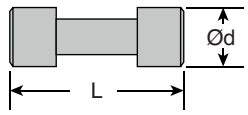
Metric
Imperial

F80 Contact Sizes **AWG** (Metric)	*Wire Insulation Min O/D	*Wire Insulation Max O/D
16S/16 (15S/15)	1,52 **0.060**	3,20 **0.126**
12 (25)	2,44 **0.096**	5,12 **0.202**
8 (100)	4,90 **0.193**	7,20 **0.283**
4 (160)	8.18 **0.322**	11,00 **0.433**
****0** (500)	14,00 **0.551**	16,00 **0.630**

* Please contact sales office for further detail.

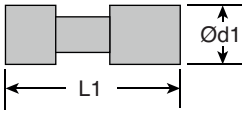
** For details of grommet reducing bushes to suit 35mm², 25mm² & 16mm² wire, please contact the sales office.

Grommet Filler Plug



CIRB--KFP F80**

Dummy Contact



CIRB--KDP F80**

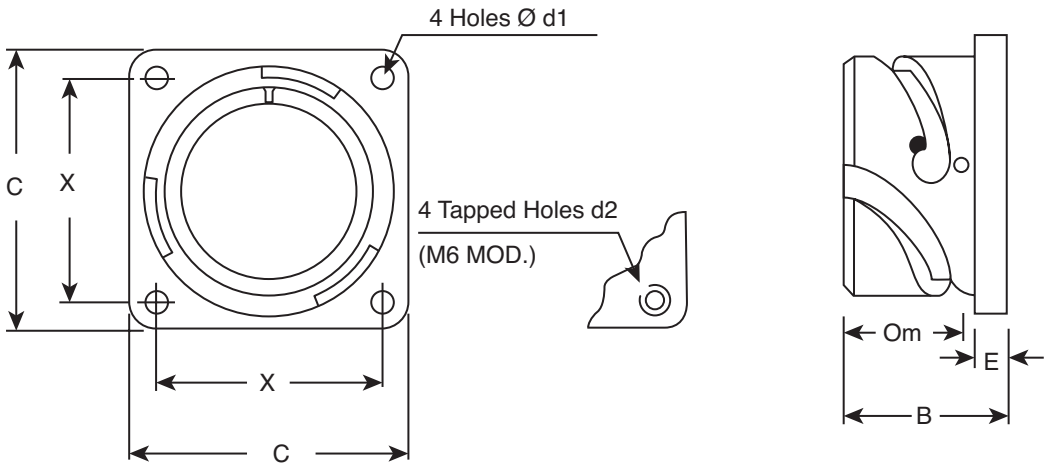
Metric
Imperial

Contact Size **AWG** (Metric)	L **Max**	d **Max**	L1 **Max**	d1 **Max**	Colour **Code**
***16** (15)	12,30 **0.484**	3,90 **0.154**	20,00 **0.787**	3,20 **0.126**	Brown (KDP/KDS)
12 (25)	12,30 **0.484**	4,80 **0.189**	20,40 **0.803**	4,80 **0.189**	Orange
8 (100)	12,10 **0.476**	7,00 **0.276**	22,75 **0.896**	7,80 **0.307**	Violet
4 (160)	12,10 **0.476**	10,20 **0.402**	*	*	Black
0 (500)	12,50 **0.500**	15,60 **0.614**	24,60 **0.969**	15,00 **0.590**	White

* Please consult TE for availability.

*** For Grommet Filler Plugs (KFP), do not add F80 to part number. Colour Blue.

SQUARE FLANGE STOWAGE RECEPTACLE
STYLE: CIR - ** - SX/SX - M6



Note:

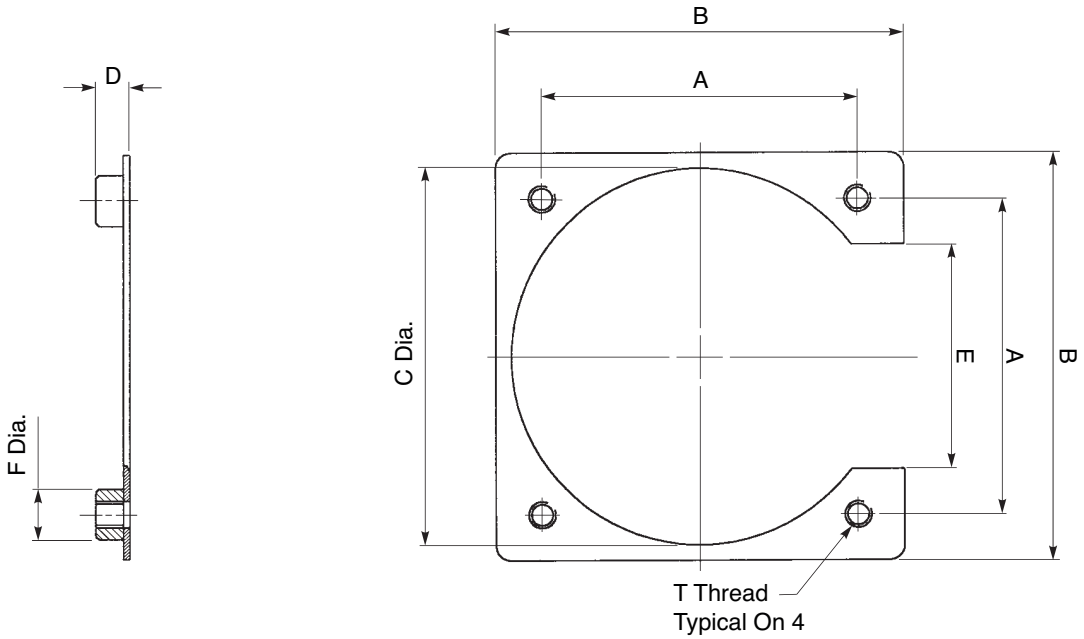
See page 90 for mounting details

- This part has a hole through the centre
- In order to maintain sealing to a panel (when used with Gasket), the panel cut out should not include the connector through hole
- Not normally practical with tapped holes.

Metric
Imperial

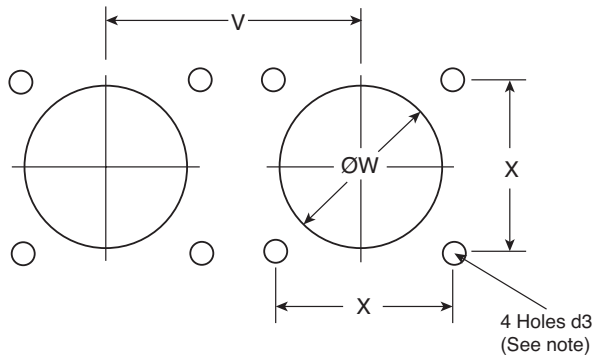
Part Number	B Max	C Max	D1 Min	d2 Thread	E Max	X	Om min overlap mated
CIR-10SL-SX	17,60 **0.693**	25,70 **1.012**	3,20 **0.126**	M4	3,00 **0.118**	18,20 **0.717**	11,10 **0.437**
CIR-14S-SX	18,00 **0.709**	30,30 **1.193**	3,20 **0.126**	M4	3,40 **0.134**	23,10 **0.909**	11,10 **0.437**
CIR-16S-SX	18,00 **0.709**	32,80 **1.291**	3,20 **0.126**	M4	3,40 **0.134**	24,60 **0.969**	11,10 **0.437**
CIR-16-SX	22,80 **0.898**	32,80 **1.291**	3,20 **0.126**	M4	3,40 **0.134**	24,60 **0.969**	15,85 **0.624**
CIR-18-SX	23,60 **0.929**	35,30 **1.390**	3,20 **0.126**	M4	4,20 **0.165**	27,00 **1.063**	15,85 **0.624**
CIR-20-SX	23,60 **0.929**	38,30 **1.508**	3,20 **0.126**	M4	4,20 **0.165**	29,40 **1.157**	15,85 **0.624**
CIR-22-SX	23,60 **0.929**	41,30 **1.626**	3,20 **0.126**	M4	4,20 **0.165**	31,80 **1.252**	15,75 **0.620**
CIR-24-SX	25,20 **0.992**	44,80 **1.764**	3.70 **0.146**	M4	4,20 **0.165**	34,90 **1.374**	15,75 **0.620**
CIR-28-SX	25,20 **0.992**	51,10 **2.012**	3,70 **0.146**	M5	4,20 **0.165**	39,70 **1.563**	15,75 **0.620**
CIR-32-SX	26,80 **1.055**	57,30 **2.256**	4,30 **0.169**	M5	4,20 **0.165**	44,50 **1.752**	15,75 **0.620**
CIR-36-SX	26,80 **1.055**	63,80 **2.512**	4,30 **0.169**	M5	4,20 **0.165**	49,20 **1.937**	15,75 **0.620**
CIR-40-SX	26,80 **1.055**	70,20 **2.763**	4,30 **0.169**	M5	4,20 **0.165**	55,50 **2.185**	15,75 **0.620**
CIR-49-SX	56,73 **2.233**	110,40 **4.346**	8,50 **0.335**	-	8,20 **0.323**	90,00 **3.543**	

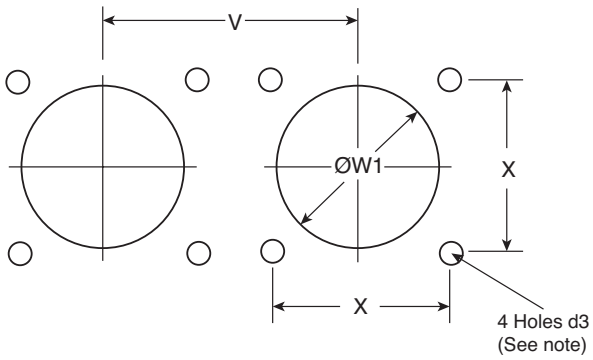
SQUARE FLANGE RECEPTACLE NUT PLATES
STYLE: CIRB ** NP (METRIC THREAD)/NPA (UNC THREAD)



Metric
Imperial

Shell Size	A	B Max	C Dia. Max	D	E Max	F Dia. Max	T Thread	Part Number	T Thread	Part Number
10SL	18,26 **0.719**	26,26 **1.034**	17,85 **0.702**	2,69/4,22 **0.106/0.166**	11,50 **0.453**	6,00 **0.236**	M3 x 0,5	CIRB10SLNP	4 - 40 UNC	CIRB10SLNPA
14S	23,01 **0.906**	30,66 **1.207**	24,59 **0.968**	2,69/4,22 **0.106/0.166**	16,25 **0.640**	6,00 **0.236**	M3 x 0,5	CIRB14SNP	4 - 40 UNC	CIRB14SNPA
16S	24,61 **0.969**	32,26 **1.270**	28,17 **1.109**	2,69/4,22 **0.106/0.166**	17,85 **0.703**	6,00 **0.236**	M3 x 0,5	CIRB16SNP	4 - 40 UNC	CIRB16SNPA
16	24,61 **0.969**	32,26 **1.270**	28,17 **1.109**	2,69/4,22 **0.106/0.166**	17,85 **0.703**	6,00 **0.236**	M3 x 0,5	CIRB16NP	4 - 40 UNC	CIRB16NPA
18	26,97 **1.062**	34,62 **1.363**	30,48 **1.250**	2,69/4,22 **0.106/0.166**	20,21 **0.796**	6,00 **0.236**	M3 x 0,5	CIRB18NP	4 - 40 UNC	CIRB18NPA
20	29,36 **1.156**	38,48 **1.515**	33,53 **1.320**	2,69/4,22 **0.106/0.166**	22,47 **0.885**	6,00 **0.236**	M3 x 0,5	CIRB20NP	4 - 40 UNC	CIRB20NPA
22	31,75 **1.250**	40,84 **1.608**	36,65 **1.443**	2,69/4,22 **0.106/0.166**	23,54 **0.927**	6,00 **0.236**	M3 x 0,5	CIRB22NP	4 - 40 UNC	CIRB22NPA
24	34,93 **1.375**	44,83 **1.765**	40,00 **1.575**	2,69/4,22 **0.106/0.166**	25,90 **1.020**	7,50 **0.295**	M3 x 0,5	CIRB24NP	4 - 40 UNC	CIRB24NPA
28	39,67 **1.562**	51,18 **2.015**	46,61 **1.835**	2,69/4,22 **0.106/0.166**	29,08 **1.145**	7,50 **0.295**	M3 x 0,5	CIRB28NP	4 - 40 UNC	CIRB28NPA
32	44,45 **1.750**	59,10 **2.327**	52,75 **2.077**	3,50/5,00 **0.138/0.197**	30,68 **1.208**	8,00 **0.315**	M4 x 0,7	CIRB32NP	8 - 32 UNC	CIRB32NPA
36	49,23 **1.968**	63,86 **2.514**	59,10 **2.327**	3,50/5,00 **0.138/0.197**	35,43 **1.395**	8,00 **0.315**	M4 x 0,7	CIRB36NP	8 - 32 UNC	CIRB36NPA
40	55,58 **2.188**	74,68 **2.940**	68,33 **2.690**	3,50/5,00 **0.138/0.197**	38,60 **1.520**	8,00 **0.315**	M4 x 0,7	CIRB40NP	8 - 32 UNC	CIRB40NPA





Front Mounting Style:

CIRH00
CIRH04
CIRH12A

Rear Mounting Style:

CIRH03
CIRH05 & 07

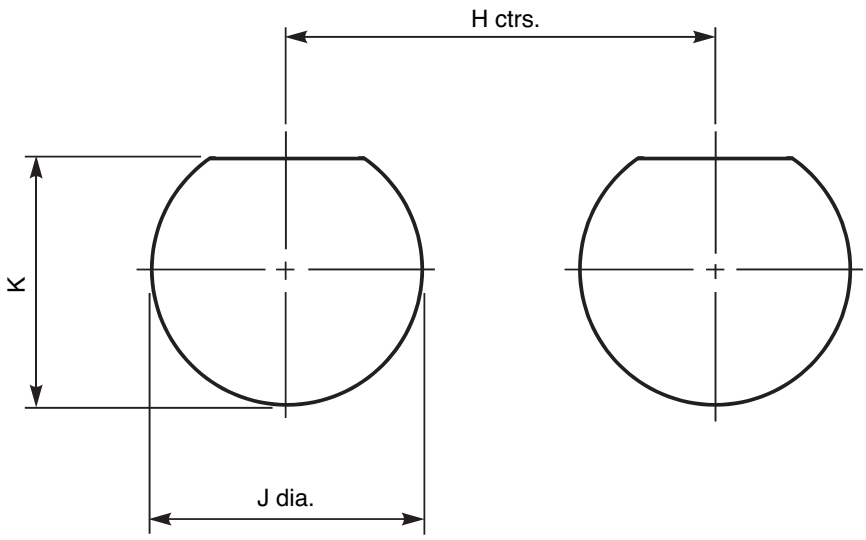
Metric
Imperial

Note 1:
When fixed connectors are used with threaded mounting holes, refer to hole sizes in column d4.

Note 2:.
When fixed connectors are used with plugs having rubber coupling nuts, please consult factory for panel cut-out dimensions.

Shell Size	d3 dia.	d4 dia.	V	W	W1	X
10SL	3,40 **0.134**	4,50 **0.177**	26,60 **1.047**	17,00 **0.670**	18,58 **0.732**	18,20 **0.717**
14S	3,40 **0.134**	4,50 **0.177**	31,60 **1.244**	20,00 **0.780**	24,98 **0.984**	23,00 **0.906**
16S	3,40 **0.134**	4,50 **0.177**	34,40 **1.354**	23,00 **0.906**	27,78 **1.094**	24,60 **0.969**
16	3,40 **0.134**	4,50 **0.177**	34,40 **1.354**	23,00 **0.906**	27,78 **1.094**	24,60 **0.969**
18	3,40 **0.134**	4,50 **0.177**	38,30 **1.508**	26,00 **1.024**	31,18 **1.228**	27,00 **1.063**
20	3,40 **0.134**	4,50 **0.177**	41,70 **1.642**	30,00 **1.181**	34,58 **1.361**	29,40 **1.157**
22	3,40 **0.134**	4,50 **0.177**	45,20 **1.780**	33,00 **1.300**	37,78 **1.487**	31,80 **1.252**
24	3,90 **0.154**	4,50 **0.177**	48,70 **1.917**	36,00 **1.417**	41,28 **1.625**	34,90 **1.374**
28	3,90 **0.154**	5,50 **0.217**	55,50 **2.185**	42,00 **1.654**	47,08 **1.854**	39,70 **1.563**
32	4,50 **0.177**	5,50 **0.217**	62,40 **2.475**	48,50 **1.909**	53,78 **2.117**	44,50 **1.752**
36	4,50 **0.177**	5,50 **0.217**	69,00 **2.717**	55,00 **2.165**	59,98 **2.361**	49,20 **1.937**
40	4,50 **0.177**	5,50 **0.217**	75,00 **2.953**	59,10 **2.327**	66,4 **2.614**	55,50 **2.186**
49	8,50 **0.315**	-	140,00 **5.512**	91,00 **3.583**	91,00 **3.583**	90,00 **3.543**

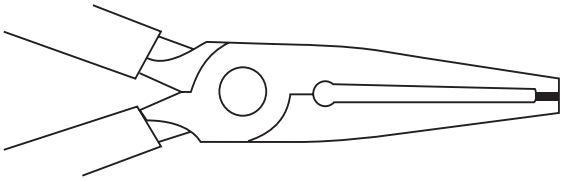
SINGLE HOLE MOUNTING RECEPTACLE PANEL MOUNTING DETAIL

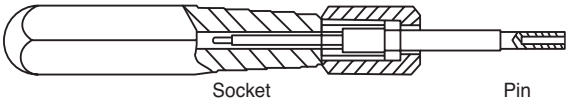


Metric
Imperial

Note:
When fixed connectors are used with plugs having rubber coupling nuts, please consult factory for panel cut-out dimensions.

Shell Size	H ctrs.	J dia.	K
10SL	32,55 **1.281**	22,53 **0.887**	20,83 **0.820**
14S	42,05 **1.656**	28,88 **1.137**	27,23 **1.072**
16S	45,15 **1.776**	32,08 **1.263**	30,78 **1.212**
16	45,15 **1.776**	32,08 **1.263**	30,78 **1.212**
18	48,85 **1.923**	35,23 **1.387**	33,58 **1.322**
20	52,05 **2.049**	38,43 **1.513**	36,68 **1.444**
22	55,45 **2.183**	41,56 **1.636**	39,88 **1.570**
24	58,45 **2.301**	44,78 **1.763**	43,18 **1.700**
28	65,25 **2.569**	51,13 **2.013**	49,37 **1.944**
32	71,55 **2.817**	57,48 **2.263**	55,78 **2.196**
36	77.95 **3.069**	63,83 **2.513**	62,18 **2.448**
40	85,25 **3.356**	70,18 **2.763**	68,38 **2.692**





Insertion Tool

Contact Size AWG (Metric)	Insertion Tool Part Number
16 (16S)	CIRB-IT-16
16 (15)	CIRB-IT-16
12 (25)	CIRB-IT-12
8 (100)	Tool Not Required
4 (160)	
0 (500)	

Extraction Tool

Contact Size AWG (Metric)	Extraction Tool Part Number
16 (16S)	CIRB-ET-16
16 (15)	CIRB-ET-16
12 (25)	CIRB-ET-12
8 (100)	Tool Not Required
4 (160)	
0 (500)	

Socket Contact Guide Pin

Socket Contact Size AWG (Metric)	Guide Pin Part Number
16 (16S)	CIRB-16-SGP
16 (15)	CIRB-16-SGP
12 (25)	CIRB-12-SGP
8 (100)	Guide Pin Not Required
4 (160)	
0 (500)	

Contact Size & Type	Contact Part Number	Wire Size C.S.A. mm^2	Tool Required	Turret/ Locator	Tool Setting	Tool Pos'n If Applicable	Insertion Tool	Extraction Tool	Guide Pins
16S/20 Pin	CIRB16S/20KPKF80	0,5/0,6	FT8/WA27F	TP1249	3	-	CIRIT16	CIRET16	-
16S/20 Skt.	CIRB16S/20KSKF80	0,5/0,6	FT8/WA27F	TP1249	3	-	CIRIT16	CIRET16	CIRB16SG
16S/18 Pin	CIRB16S/18KPKF80	0,75/0,93	FT8/WA27F	TP1249	4	-	CIRIT16	CIRET16	-
16S/18 Skt.	CIRB16S/18KSKF80	0,75/0,93	FT8/WA27F	TP1249	4	-	CIRIT16	CIRET16	CIRB16SG
16S/14 Pin	CIRB16S/14KPKf80	1,94/2,08	FT8/WA27F	TP1249	5	-	CIRIT16	CIRET16	-
16S/14 Skt.	CIRB16S/14KSKf80	1,94/2,08	FT8/WA27F	TP1249	5	-	CIRIT16	CIRET16	CIRB16SG
16S/12 Pin	CIRB16S/12KPKf80	2,50/3,00	FT8/WA27F	TP1249	7	-	CIRIT16	CIRET16	-
16S/12 Skt.	CIRB16S/12KPKf80	2,50/3,00	FT8/WA27F	TP1249	7	-	CIRIT16	CIRET16	CIRB16SG
16S Pin	CIRB16SKPKF80	0,93/1,5	FT8/WA27F	TP1249	5	-	CIRIT16	CIRET16	-
16S Skt.	CIRB16SKSKF80	0,93/1,5	FT8/WA27F	TP1249	5	-	CIRIT16	CIRET16	CIRB16SG
LIF 16S Skt.	CIRB16SKLKF80	0,93/1,5	FT8/WA27F	TP1249	5	-	CIRIT16	CIRET16	CIRB16SG
16/22 Pin	CIRB16/22KPKF80	0,22/0,34	FT8/WA27F	TH592	2/3	Red	CIRIT16	CIRET16	-
16/22 Skt.	CIRB16/22KSKF80	0,22/0,34	FT8/WA27F	TH592	2/3	Blue	CIRIT16	CIRET16	CIRB16SG
16/20 Pin	CIRB16/20KPKF80	0,5/0,6	FT8/WA27F	TH592	3	Blue	CIRIT16	CIRET16	-
16/20 Skt.	CIRB16/20KSKF80	0,5/0,6	FT8/WA27F	TH592	3	Red	CIRIT16	CIRET16	CIRB16SG
LIF16/20 Skt.	CIRB16/20KLKF80	0,5/0,6	FT8/WA27F	TH592	3	Red	CIRIT16	CIRET16	CIRB16SG
16/18 Pin	CIRB16/18KPKF80	0,75/0,93	FT8/WA27F	TH592	4	Blue	CIRIT16	CIRET16	-
16/18 Skt.	CIRB16/18KSKF80	0,75/0,93	FT8/WA27F	TH592	4	Red	CIRIT16	CIRET16	CIRB16SG
16 Pin	CIRB16KPKF80	0,93/1,5	FT8/WA27F	TH592	5	Blue	CIRIT16	CIRET16	-
16 Skt.	CIRB16KSKF80	0,93/1,5	FT8/WA27F	TH592	5	Red	CIRIT16	CIRET16	CIRB16SG
LIF 16 Skt.	CIRB16KLKF80	0,93/1,5	FT8/WA27F	TH592	5	Red	CIRIT16	CIRET16	CIRB16SG
16/14 Pin	CIRB16/14KPKF80	1,94/2,08	FT8/WA27F	TH592	5	Blue	CIRIT16	CIRET16	-
16/14 Skt.	CIRB16/14KSKF80	1,94/2,08	FT8/WA27F	TH592	5	Red	CIRIT16	CIRET16	CIRB16SG
16/12 Pin	CIRB16/12KPKF80	2,50/3,00	FT8/WA27F	TH592	7	Yellow	CIRIT16	CIRET16	-
16/12Skt.	CIRB16/12KSKF80	2,50/3,00	FT8/WA27F	TH592	7	Yellow	CIRIT16	CIRET16	CIRB16SG
12/20 Pin	CIRB12/20KPKF80	0,5/0,6	FT8/WA27F	TH592	3	Yellow	CIRIT12	CIRET12	-
12/20 Skt.	CIRB12/20KSKF80	0,5/0,6	FT8/WA27F	TH592	3	Yellow	CIRIT12	CIRET12	CIRB12SG
LIF 12/20 Skt.	CIRB12/20KLKF80	0,5/0,6	FT8/WA27F	TH592	3	Yellow	CIRIT12	CIRET12	CIRB12SG
12/18 Pin	CIRB12/18KPKF80	0,75/0,93	FT8/WA27F	TH592	4	Yellow	CIRIT12	CIRET12	-
12/18 Skt.	CIRB12/18KSKF80	0,75/0,93	FT8/WA27F	TH592	4	Yellow	CIRIT12	CIRET12	CIRB12SG
12/16 Pin	CIRB12/16KPKF80	0,93/1,5	FT8/WA27F	TH592	5	Yellow	CIRIT12	CIRET12	-
12/16 Skt.	CIRB12/16KSKF80	0,93/1,5	FT8/WA27F	TH592	5	Yellow	CIRIT12	CIRET12	CIRB12SG
LIF 12/16 Skt.	CIRB12/16KLKF80	0,93/1,5	FT8/WA27F	TH592	5	Yellow	CIRIT12	CIRET12	CIRB12SG
12/14 Pin	CIRB12/14KPKF80	1,94/2,08	FT8/WA27F	TH592	5	Yellow	CIRIT12	CIRET12	-
12/14 Skt.	CIRB12/14KSKF80	1,94/2,08	FT8/WA27F	TH592	5	Yellow	CIRIT12	CIRET12	CIRB12SG
12 Pin	CIRB12KPKF80	2,50/3,00	FT8/WA27F	TH592	7	Yellow	CIRIT12	CIRET12	-
12 Skt.	CIRB12KSKF80	2,50/3,00	FT8/WA27F	TH592	7	Yellow	CIRIT12	CIRET12	CIRB12SG
LIF 12 Skt.	CIRB12KLKF80	2,50/3,00	FT8/WA27F	TH592	7	Yellow	CIRIT12	CIRET12	CIRB12SG
12/10 Pin	CIRB12/10KPKF80	5,53	M310	TH592	5	Yellow	CIRIT12	CIRET12	-
12/10 Skt.	CIRB12/10KSKF80	5,53	M310	TH592	5	Yellow	CIRIT12	CIRET12	CIRB12SG
12/40 Pin	CIRB12/40KPKF80	4,0	M310	TH592	5	Yellow	CIRIT12	CIRET12	-
12/40 Skt.	CIRB12/40KSKF80	4,0	M310	TH592	5	Yellow	CIRIT12	CIRET12	CIRB12SG

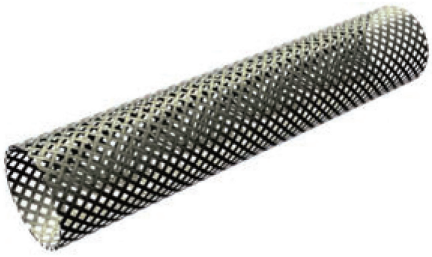
Contact Size & Type	Contact Part Number	Wire Size C.S.A. mm^2	Tool Required	Turret/ Locator	Tool Setting	Tool Pos'n If Applicable	Insertion Tool	Extraction Tool	Guide Pins
8/40 Pin	CIRB8/40KPKF80	4,0	D55E	Die Set	-	-	-	-	-
8/40 Skt.	CIRB8/40KSKF80	4,0	D55E	Die Set	-	-	-	-	-
8/12 Pin	CIRB8/12KPKF80	2,5	M310	Consult TE	3	-	-	-	-
8/12 Skt.	CIRB8/12KSKF80	2,5	M310	Consult TE	3	-	-	-	-
8/10 Pin	CIRB8/10KPKF80	5,53	D55E	Die Set	-	-	-	-	-
8/10 Skt.	CIRB8/10KSKF80	5,53	D55E	Die Set	-	-	-	-	-
8 Pin	CIRB8KPKF80	9,0	D36	Die Set 02541	-	-	-	-	-
8 Skt.	CIRB8KSKF80	9,0	D36	Die Set 02541	-	-	-	-	-
100/60 Pin	CIRB100/60KPKF80	6,0	D55E	Die Set	-	-	-	-	-
100/60 Skt.	CIRB100/60KSKF80	6,0	D55E	Die Set	-	-	-	-	-
100 Pin	CIRB100KPKF80	10,0	D55E	Die Set MRP0925	-	-	-	-	-
100 Skt.	CIRB100KSKF80	10,0	D55E	Die Set MRP0925	-	-	-	-	-
4/10 Pin	CIRB4/10KPKF80	5,53	D55E	Die Set	-	-	-	-	-
4/10 Skt.	CIRB4/10KSKF80	5,53	D55E	Die Set	-	-	-	-	-
4 Pin	CIRB4KPKF80	22,0	D36	Die Set	-	-	-	-	-
4 Skt.	CIRB4KSKF80	22,0	D36	Die Set	-	-	-	-	-
160 Pin	CIRB160KPKF80	16,0	D55E	Die Set MRP0924	-	-	-	-	-
160 Skt.	CIRB160KSKF80	16,0	D55E	Die Set MRP0924	-	-	-	-	-
0 Pin	CIRB0KPKF80	53,0	D36	Die Set	-	-	-	-	-
0 Skt	CIRB0KSKF80	53,0	D36	Die Set	-	-	-	-	-
500/160 Pin	CIRB500/160KPKF8	16,0	D55E	Die Set MRP0924	-	-	-	-	-
500/160 Skt.	CIRB500/160KSKF8	16,0	D55E	Die Set MRP0924	-	-	-	-	-
500/250 Pin	CIRB500/250KPKF8	25,0	D55E	Die Set	-	-	-	-	-
500/250 Skt.	CIRB500/250KSKF8	25,0	D55E	Die Set	-	-	-	-	-
500/350 Pin	CIRB500/350KPKF8	35,0	D55E	Die Set	-	-	-	-	-
500/350 Skt.	CIRB500/350KSKF8	35,0	D55E	Die Set	-	-	-	-	-
500 Pin	CIRB500KPKF80	50,0	D55E	Die Set MRP0925	-	-	-	-	-
500 Skt.	CIRB500KSKF80	50,0	D55E	Die Set MRP0925	-	-	-	-	-

Contact Size & Type	Contact Part Number	Wire Size C.S.A. mm^2	Contact Section	Tool Required	Turret/ Locator	Tool Setting	Tool Position If Applicable
4 Coax Pin	CIRB4CKPKF80P1001	0.5	Inner	FT8	TH619	4	Red
			Screen	D55E/D51	31038	-	-
4 Coax Skt	CIRB4CKSKF80P1001	0.5	Inner	FT8	TH619	4	Blue
			Screen	D55E/D51	31038	-	-
4 Coax Pin	CIRB4CKPKF80P1002	1.0	Inner	FT8	TH619	4	Red
			Screen	D55E/D51	HD51-150	-	-
4 Coax Skt.	CIRB4CKSKF80P1002	1.0	Inner	FT8	TH619	4	Blue
			Screen	D55E/D51	HD51-150	-	-
4 Twinax Pin	CIRB4TKPKF80P1	0.5/0.6	Inner	FT8	TH608	4	Red
			Intermediate	HX4	Y946	-	-
			Screen	D55E/D51	HD51-150	-	-
4 Twinax Skt	CIRB4TKSKF80P1	0.5/0.6	Inner	FT8	TH608	4	Blue
			Intermediate	HX4	Y946	-	-
			Screen	D55E/D51	HD51-150	-	-
4 Twinax Pin	CIRB4TKPKF80P1001	0.75/1.0	Inner	FT8	TH608	4	Red
			Intermediate	HX4	Y946	-	-
			Screen	D55E/D51	HD51-150	-	-
4 Twinax Skt.	CIRB4TKSKF80P1001	0.75/1.0	Inner	FT8	TH608	4	Blue
			Intermediate	HX4	Y946	-	-
			Screen	D55E/D51	HD51-150	-	-

Tool Number	Supplier
FT8	DMC
WA27F	DMC
TH592	DMC
HT250-3	DMC
67-012-01	DMC
67-016-01	DMC
68-012-01	DMC
68-016-01	DMC
D51	Dubuis
D55E	Dubuis

RFI Braid Sock

TE Connectors Part Number	Diameter	Length	Max Shell Size
CIRBMBS035015	ø 20 mm	100 mm	22
CIRBMBS050015	ø 25 mm	150 mm	22
CIRBMBS020010	ø 35 mm	150 mm	32
CIRBMBS025015	ø 50 mm	150 mm	36 & 40



Bandit Strap

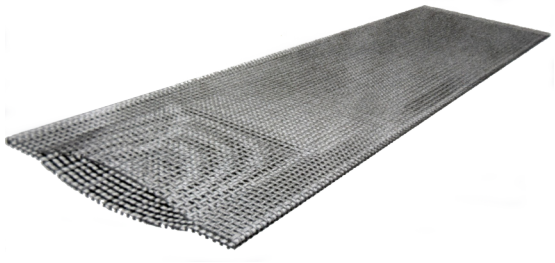
TE Connectors Part Number	Length	Width	Max Shell Size
CIRB600052	520 mm	6.1 mm	32
CIRB600090	900 mm	6.1 mm	36 & 40
CIRB608109	362 mm	4 mm	22
CIRB600057	07 mm	3 mm	22

Bandit Tools

TE Connectors Part Number	Tool Description
CIRB600058	Standard Bandit Tool
CIRB600061	Micro Bandit Tool (3mm Band Straps)
CIRB601200	Calibration Kit

Knitmesh Braid

TE Connectors Part Number	Length	Width
CIRBMKM1050	500 mm	25 mm



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