

SUMMARY

Wires

Low voltage 2



Image is for illustrative purpose only

Series	2B
Termination type	Female solder
IP rating	50
AWG wire size	22.00 - 14.00
Cable Ø	2.20 - 3.20 mm
Status	obsolete
Alternative part	PHG.2B.302.CLLM32
Matching parts	FIG.2B.302.CLAM31

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	PH*: Free receptacle, cable collet
Keying	1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Housing Material	Brass (chrome plated [SAE AMS 2460]) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces

Performance

Configuration	2B.302 : 2 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	25 Amps

Specifications

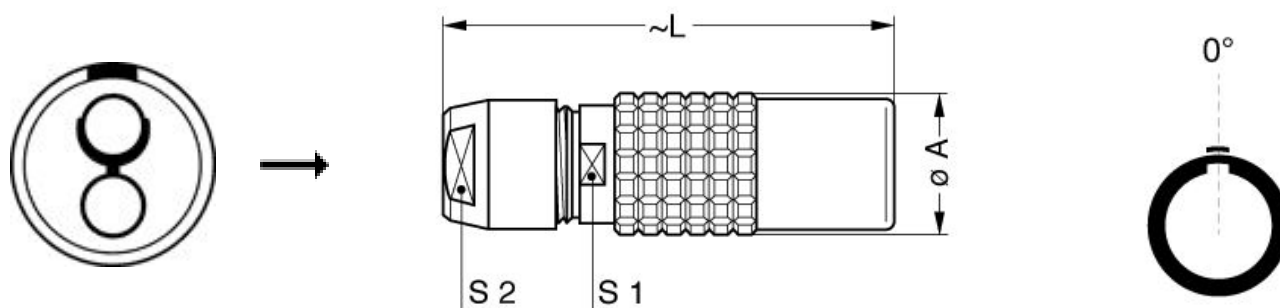
Contact Type: Solder
Contact Dia.: 2 mm (0.079in)
Bucket Dia.: 1.8 mm (0.071in)
Max. Solid Conductor: 1.5 mm² (AWG 14)
Max. Stranded Conductor: 1.5 mm² (AWG 16)
R (max): 3.3 mOhm
V_{test} (contact-shell): 1750 V (AC), 2500 V (DC)
V_{test} (contact-contact): 2100 V (AC), 2970 V (DC)

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Others

Endurance (Shell): 5000
Temp (min / max): -55°C / +250°C
Humidity (max): <=95% [at 60 deg C / 140 F]
Vibration: 15 g [10 Hz - 2000 Hz]
Shock Resistance: 100 g [6 ms]
Climatical Category: 50/175/21
Shielding (min): 75 dB (10 MHz)
Shielding (min): 40 dB (1 GHz)
Salt Spray Corrosion: >1000 hr

DRAWINGS



Dimensions

	A	L	S1	S2
mm.	16.5	47	13	12
in.	0,65	1,85	0,51	0,47






RECOMMENDED BY LEMO

Tools

Spanner wrench: [DCD.2B.025.PA120](#)

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Cables

CMN.02.T28.030PGCE	PVC	GREY	
CMN.02.T28.030PGZE		Grey	
CMN.02.T28.030PNCE	PVC	Black	
CMN.02.T28.030PNZE			
2050	PVC	Black	
2260	PTFE	White	

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