

SUMMARY



Image is for illustrative purpose only

Wires

Low voltage 6

Series	1E
Termination type	Female solder
IP rating	68
AWG wire size	32.00 - 24.00
Cable Ø	0.00 - 0.00 mm
Status	active
Matching parts	FFA.1E.306.CLAC50

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	EEP*: Fixed receptacle, nut fixing (back panel mounting)
Keying	Hermaphroditic keying (half moon insert) with female pin 1
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
Weight	18.88 g

Performance

Configuration	1E.306 : 6 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	7 Amps

Specifications

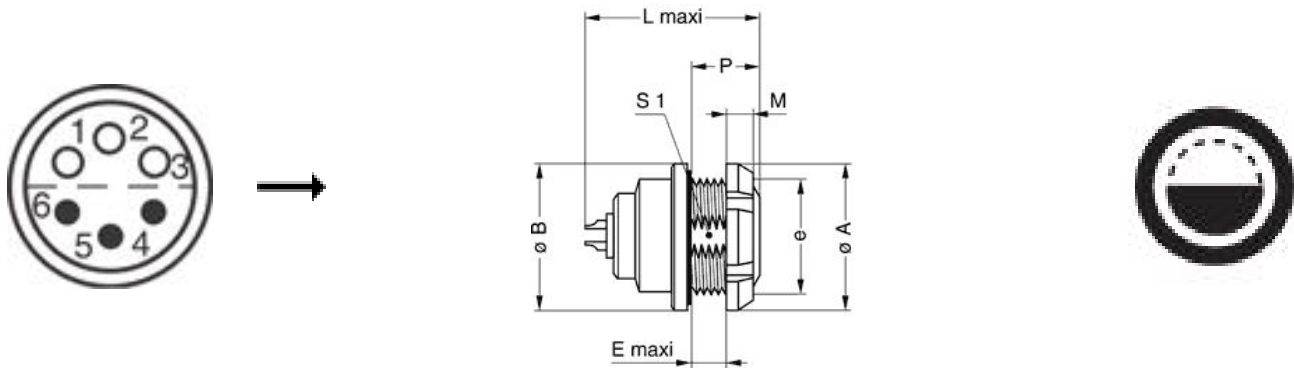
- Contact Type: Solder
- Contact Dia.: 0.7 mm (0.028in)
- Bucket Dia.: 0.6 mm (0.024in)
- Max. Solid Conductor: 0.25 mm² (AWG 24)
- Max. Stranded Conductor: 0.14 mm² (AWG 26)
- R (max): 6.1 mOhm
- Vtest: 1500 V (AC), 2100 V (DC)

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Others

Endurance (Shell): 5000 mating cycles
Temp (min / max): -55°C / +200°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): 95 dB (10 MHz)
Shielding (min): 80 dB (1 GHz)
Salt Spray Corrosion: >1000 hr

DRAWINGS



Dimensions














	A	B	E	L	M	P	S1	e
mm.	20	20	6.5	24	3.5	10	14.5	M16x1.0
in.	0,79	0,79	0,26	0,94	0,14	0,39	0,57	

RECOMMENDED BY LEMO

Tools

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Cables

CMN.06.T26.037QGZE	TPR (medical)	Grey	
CMN.06.T28.031PGCE	PVC	GREY	
CMN.06.T28.031PGZE		Grey	
CMN.06.T28.031PNCE	PVC	Black	
CMN.06.T28.031PNZE			
CMN.06.T28.042QBCE	TPR (medical)		
CMN.06.T28.044PGZE		Grey	
CMN.06.T28.044PNZE			
106240	PTFE	White	
12080	PVC	Grey	
160140	PVC	Grey	
160260	PVC	Black	
260250	PVC	Grey	
60260	PTFE	White	
6280	PVC	Black	

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