

SUMMARY

Wires

Low voltage 4



Image is for illustrative purpose only

Series 1E
Termination type Male solder
IP rating 68
AWG wire size 30.00 - 22.00
Cable Ø 4.60 - 5.00 mm
Status active
Matching parts [ERA.1E.304.CLL](#)

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TECHNICAL DETAILS

Mechanics

Shell Style/Model FFA*: Straight plug, cable collet and nut for fitting a bend relief
Keying Hermaphroditic keying (half moon insert) with male 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
Variant Z : Nut for fitting a bend relief
Weight 23.32 g

Performance

Configuration 1E.304 : 4 Low Voltage
Insulator L: PEEK (UL 94 / V-0/1.5)
Rated Current 10 Amps

Specifications

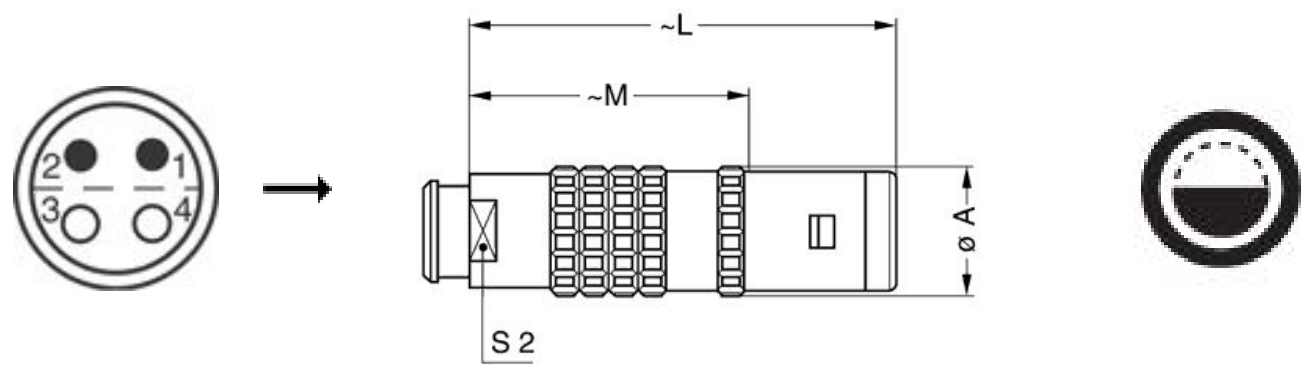
Contact Type: Solder
Contact Dia.: 0.9 mm (0.0354in)
Bucket Dia.: 0.8 mm (0.031in)
Max. Solid Conductor: 0.34 mm² (AWG 22)
R (max): 4.8 mOhm
Vtest: 1200 V (AC), 1700 V (DC)

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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	L	M	S2
mm.	13	42	28	9
in.	0,51	1,65	1,10	0,35






RECOMMENDED BY LEMO

Tools

- Spanner wrench: [DCD.1E.008.PA090](#)
- Caps: [BFA.1E.100.NAS](#)

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Cables

CMN.04.T22.047QGC	TPR	Grey	
CMN.04.T22.048QGZE	TPR (medical)	Grey	
140240	PVC	Black	
140250	PVC	Grey	
40260	PVC	Black	
4221	PVC	Black	
80080	PVC	Grey	
80082	PVC	Red	
80084	PVC	Black	

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