

SUMMARY

Wires

Low voltage 3

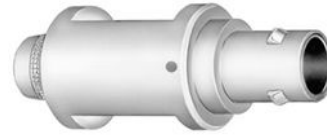


Image is for illustrative purpose only

Series 1S
Termination type Male solder
IP rating 50
AWG wire size 22.00 - 22.00
Cable Ø 5.20 - 6.20 mm
Status active
Matching parts [ERA.1S.303.CLL](#)

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[Catalog](#)

TECHNICAL DETAILS

Mechanics

Shell Style/Model FZP*: Straight plug for remote handling, cable collet and inner anti-rotating device
Keying Hermaphroditic keying (half moon insert) with male pin 1
Housing Material Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces
Weight 27.48 g

Performance

Configuration 1S.303 : 3 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), 1800 V (DC)

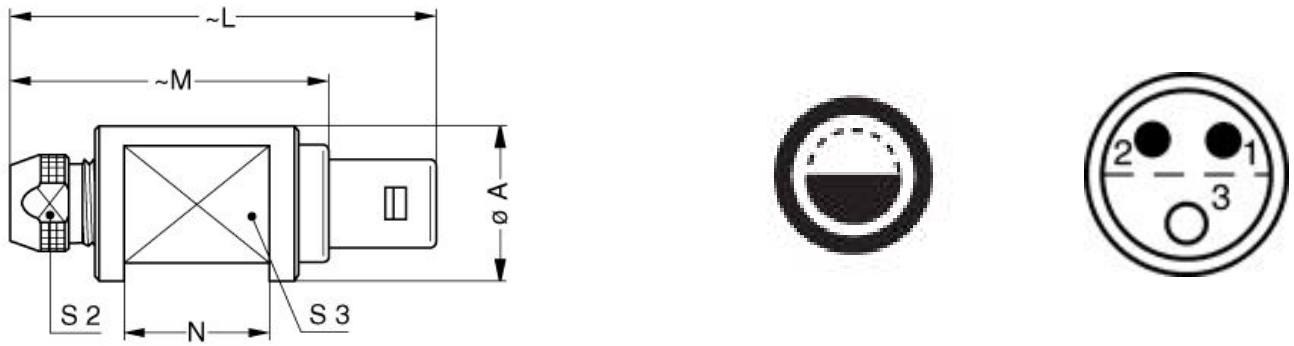
Others

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Endurance (Shell): 5000 mating cycles
 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]
 Climatological Category: 50/175/21
 Shielding (min): 75 dB (10 MHz)
 Shielding (min): 40 dB (1 GHz)
 Salt Spray Corrosion: >144 hr

DRAWINGS

Draws



Dimensions

	A	L	M	N	S2	S3
mm.	16	42.5	31.5	15	8.5	12
in.	0.63	1.67	1.24	0.59	0.33	0.47

RECOMMENDED BY LEMO

Tools

Spanner wrench: [DCD.1S.015.PA085](#)

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Cables

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