

SUMMARY

Wires

High voltage 1



Image is for illustrative purpose only

Series 1S
Termination type Male solder High-Voltage
IP rating 50
AWG wire size 28.00 - 20.00
Cable Ø 5.20 - 5.70 mm
Status active
Matching parts [ERA.1S.405.CTL](#)

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TECHNICAL DETAILS

Mechanics

Shell Style/Model FFB*: Straight plug, cable collet and safety locking ring
Keying Circular, male
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 18.16 g

Performance

Configuration 1S.405 : 1 High Voltage
Insulator T: PTFE
Rated Current 8 Amps

Specifications

Contact Type: Solder
Test voltage (kV DC) 10.5
Test voltage (kV AC) 7.5
Creepage distance min.: 10.5 mm

Others

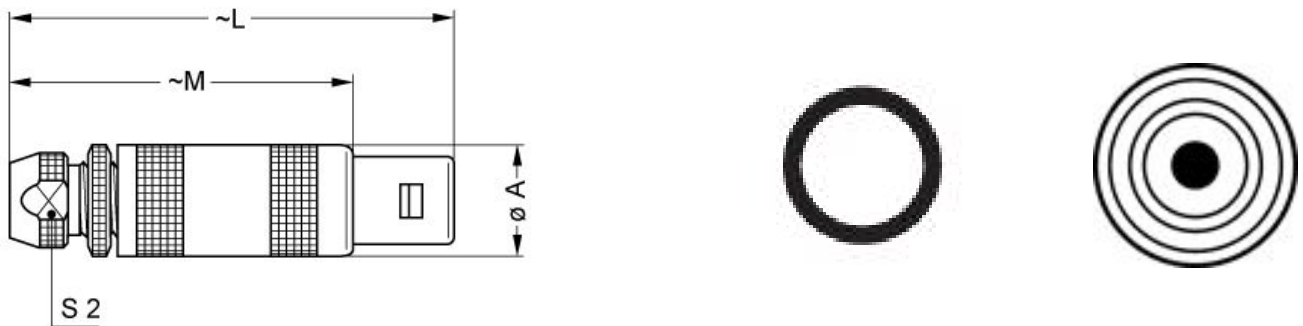
Endurance (Shell): 5000 mating cycles

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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: >144 hr

DRAWINGS

Draws



Dimensions

	A	L	M	S2
mm.	12	45	34	8.5
in.	0,47	1,77	1,34	0,33

RECOMMENDED BY LEMO

Tools

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

Cables

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