

SUMMARY

Wires

Low voltage 1



Image is for illustrative purpose only

Series 1S
Termination type Male solder
IP rating 50
AWG wire size 0.00 - 16.00
Cable Ø 5.20 - 6.20 mm
Status active
Matching parts [ERA.1S.120.CTL](#)

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TECHNICAL DETAILS

Mechanics

Shell Style/Model FFA*: Straight plug, cable collet and nut for fitting a bend relief
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
Variant Z : Nut for fitting a bend relief
Weight 19.11 g

Performance

Configuration 1S.120 : 1 Low Voltage
Insulator T: PTFE
Rated Current 18 Amps

Specifications

Contact Type: Solder
Vtest (contact-shell): 1800 V (AC), 2550 V (DC)
Vtest (contact-contact): 1800 V (AC), 2550 V (DC)

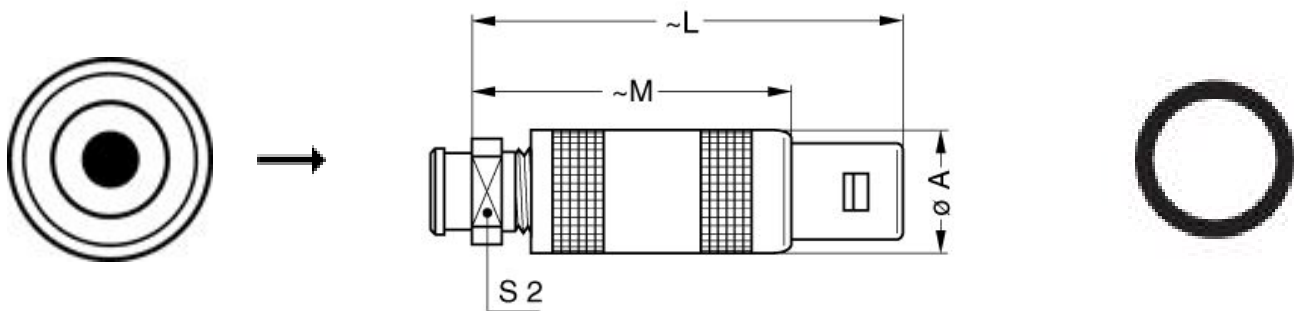
Others

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



Dimensions

	A	L	M	S2
mm.	12	42.5	31.5	9
in.	0,47	1,67	1,24	0,35

RECOMMENDED BY LEMO

Tools

Spanner wrench: [DCD.1B.015.PA090](#)

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