

SUMMARY



Image is for illustrative purpose only

Wires

Low voltage 1

Series 0S
Termination type Male solder
IP rating 50
AWG wire size 26.00 - 18.00
Cable Ø 4.30 - 5.20 mm
Status NRND
Matching parts [ERA.0S.116.CTL](#)

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TECHNICAL DETAILS

Mechanics

Shell Style/Model FLA*: Elbow plug, cable collet
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 17.73 g

Performance

Configuration 0S.116 : 1 Low Voltage
Insulator T: PTFE
Rated Current 12 Amps

Specifications

Contact Type: Solder
V_{test} (contact-shell): 1500 V (AC), 2100 V (DC)
V_{test} (contact-contact): 1500 V (AC), 2100 V (DC)

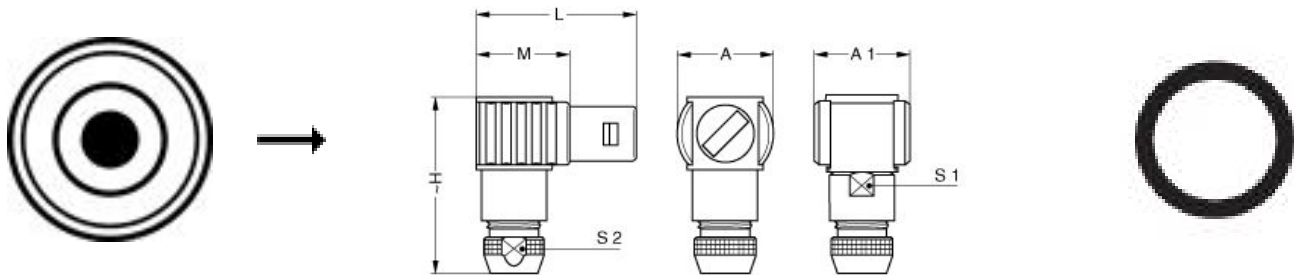
Others

Endurance (Shell): 5000 mating cycles
Temp (min / max): -55°C / +250°C

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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	A1	H	L	M	S1	S2
mm.	13	13	24.5	23	13	8	6.5
in.	0,51	0,51	0,96	0,91	0,51	0,31	0,26

RECOMMENDED BY LEMO

Tools

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