

SUMMARY

Wires

Low voltage 1



Image is for illustrative purpose only

Series 0S
Termination type Female solder
IP rating 50
AWG wire size 26.00 - 18.00
Cable Ø 0.00 - 0.00 mm
Status active
Matching parts [FFA.0S.116.CLAC27](#)

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TECHNICAL DETAILS

Mechanics

Shell Style/Model ERA*: Fixed receptacle, nut fixing
Keying Circular, female
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 4.31 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)

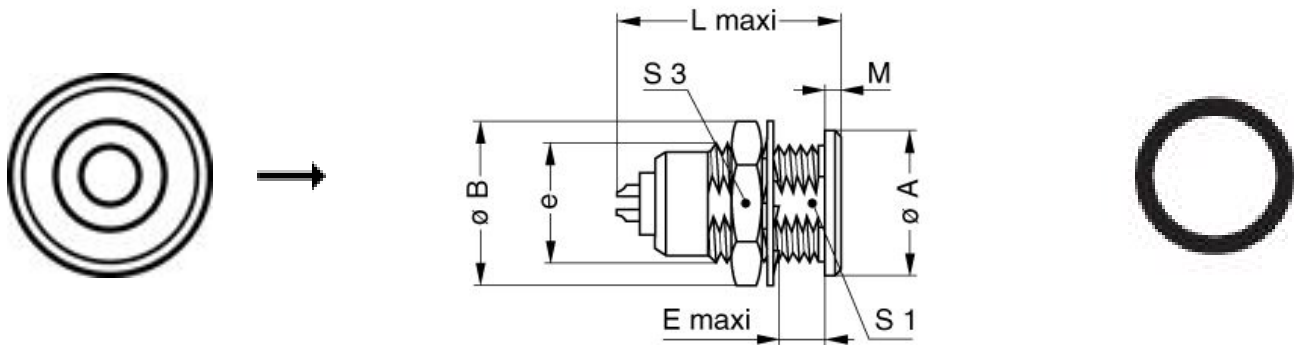
Others

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: >1000 hr

DRAWINGS



Dimensions

	A	B	E	L	M	S1	S3	e
mm.	10	12.5	7	18.5	1.2	8.2	11	M9x0.6
in.	0,39	0,49	0,28	0,73	0,05	0,32	0,43	

RECOMMENDED BY LEMO

Tools

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