

SUMMARY



Image is for illustrative purpose only

Wires

Low voltage 1

Series 1S
Termination type Male solder
IP rating 50
AWG wire size 0.00 - 12.00
Cable Ø 5.20 - 6.20 mm
Status active
Matching parts [ERA.1S.130.CTL](#)

Download

[Request a quote](#)
[Eplan](#)
[Catalog](#)

TECHNICAL DETAILS

Mechanics

Shell Style/Model FFA*: Straight 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 17.64 g

Performance

Configuration 1S.130 : 1 Low Voltage
Insulator T: PTFE
Rated Current 25 Amps

Specifications

Contact Type: Solder
V_{test} (contact-shell): 1500 V (AC), 2150 V (DC)
V_{test} (contact-contact): 1500 V (AC), 2150 V (DC)

Others

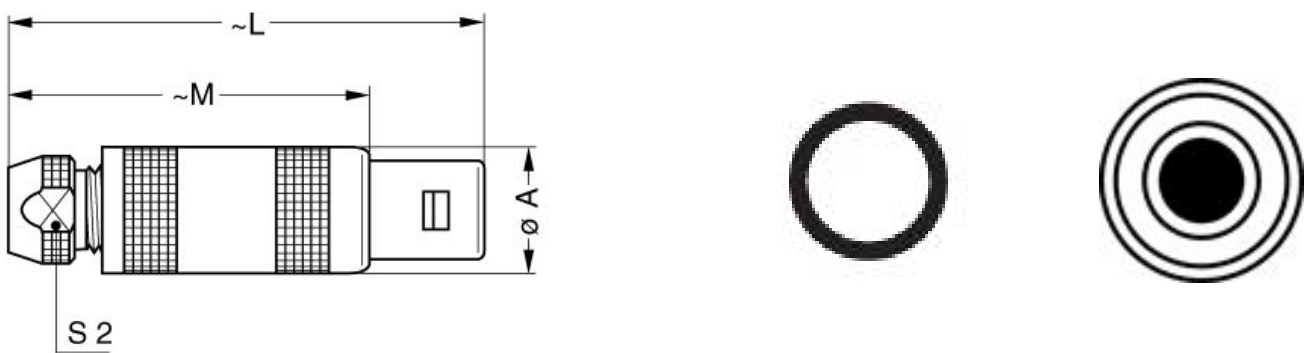
Endurance (Shell): 5000 mating cycles
Temp (min / max): -55°C / +250°C

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

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	42.5	31.5	8.5
in.	0,47	1,67	1,24	0,33

RECOMMENDED BY LEMO

Tools

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

Cables

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.