

SUMMARY

Wires

High voltage 1



Image is for illustrative purpose only

Series	3S
Termination type	Female solder High-Voltage
IP rating	50
AWG wire size	18.00 - 10.00
Cable Ø	7.30 - 8.70 mm
Status	obsolete
Matching parts	ERA.3S.405.CTA

Download

[Request a quote](#)

[Catalog](#)

TECHNICAL DETAILS

Mechanics

Shell Style/Model	FFB*: Straight plug, cable collet and safety locking ring
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	59.94 g

Performance

Configuration	3S.405 : 1 High Voltage
Insulator	T: PTFE
Rated Current	15 Amps

Specifications

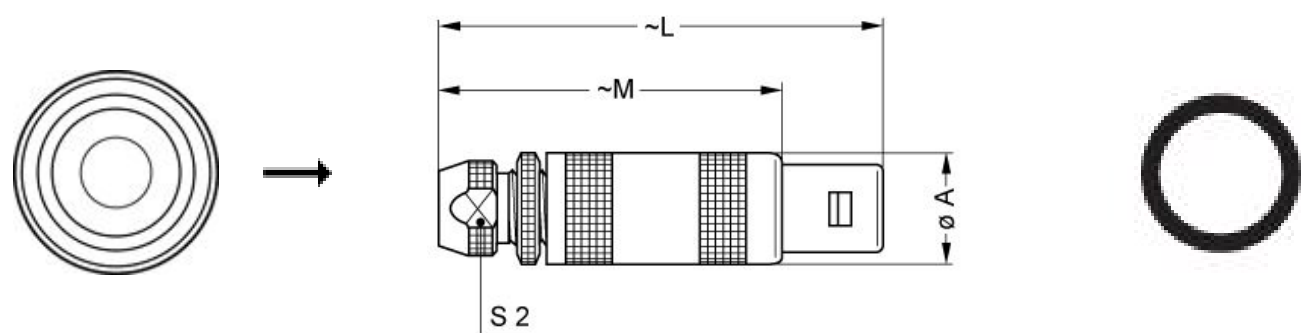
Contact Type:	Solder
Test voltage (kV DC)	10.5
Test voltage (kV AC)	7.5
Air clearance min.:	12.8 mm
Creepage distance min.:	12.9 mm

Others

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.

Endurance (Shell): 5000 mating cycles
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.	17.8	65	50	14
in.	0,70	2,56	1,97	0,55

RECOMMENDED BY LEMO

Tools

Spanner wrench: [DCP.91.023.TN](#)

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.

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.