

SUMMARY

Wires

High voltage 1



Image is for illustrative purpose only

Series	3S
Termination type	Male solder High-Voltage
IP rating	50
AWG wire size	18.00 - 10.00
Cable Ø	9.80 - 10.50 mm
Status	active
Matching parts	ERA.3S.405.CTL

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TECHNICAL DETAILS

Mechanics

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

Performance

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

Specifications

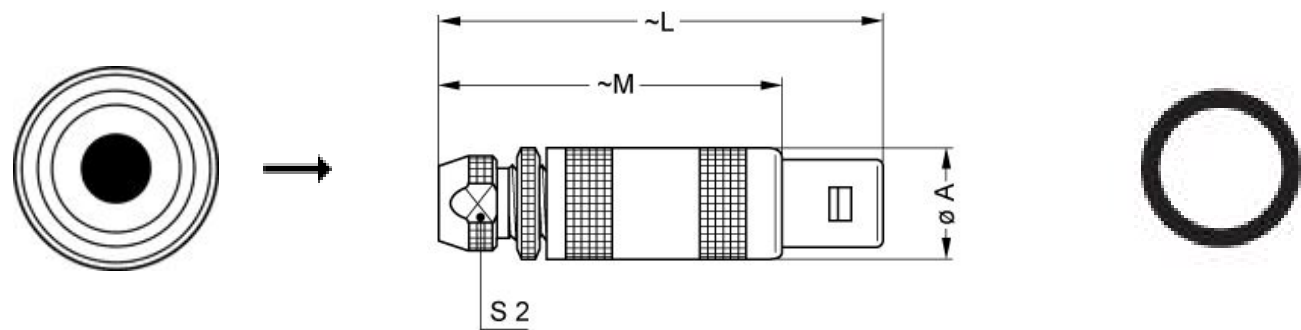
Contact Type: Solder	
Test voltage (kV DC)	10.5
Test voltage (kV AC)	7.5
Air clearance min.:	12.8 mm
Creepage distance min.:	12.9 mm

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Others

- 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](#)

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