

SUMMARY

Wires

High voltage	1
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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	4.30 - 5.70 mm
Status	active

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[Catalog](#)

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
Weight	61.96 g

Performance

Configuration	3S.405 : 1 High Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	15 Amps

Specifications

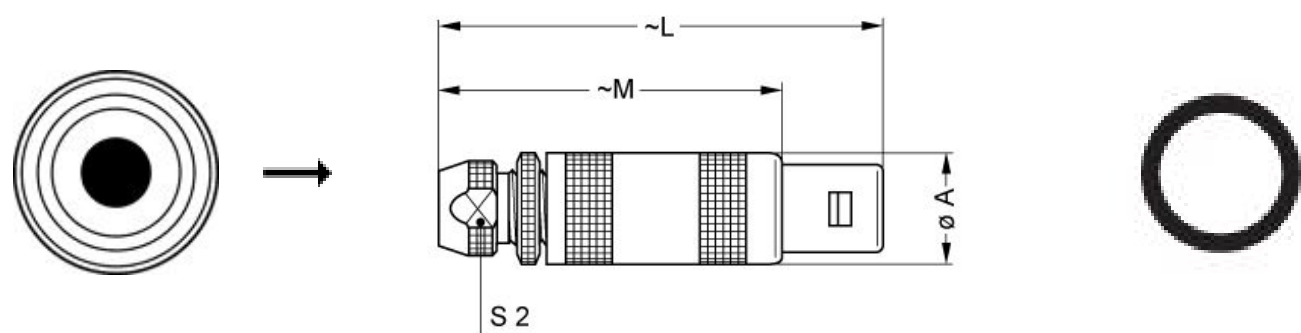
Contact Type: Solder	
Test voltage (kV DC)	10.5
Test voltage (kV AC)	7.5
Air clearance min.:	12.8 mm
Creepage distance min.:	12.9 mm

Others

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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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