

SUMMARY

Wires

High voltage	1
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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	4.30 - 5.70 mm
Status	active

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[Catalog](#)

TECHNICAL DETAILS

Mechanics

Shell Style/Model	PSA*: Fixed receptacle, nut fixing, cable collet
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	57.00 g

Performance

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

Specifications

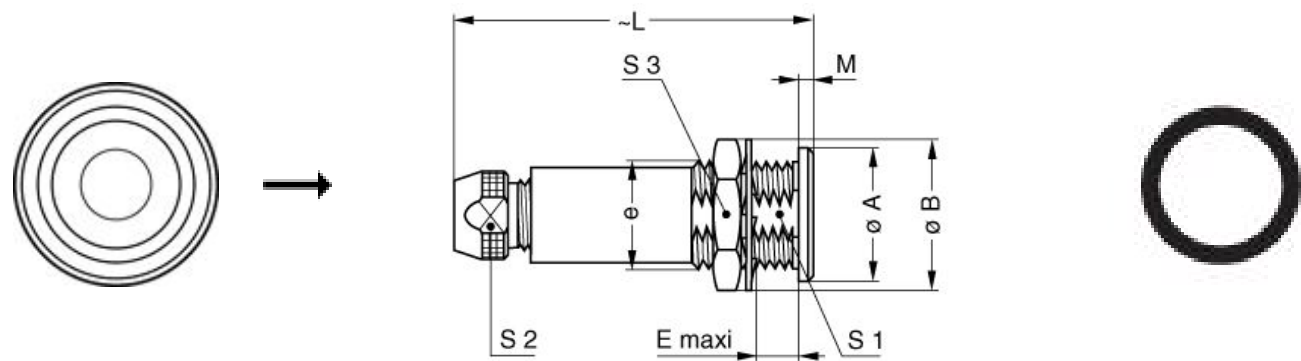
Contact Type: Solder	
Test voltage (kV DC)	10.5
Test voltage (kV AC)	7.5
Air clearance min.:	12.8 mm
Creepage distance min.:	12.9 mm

Others

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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	B	E	L	M	S1	S2	S3	e
mm.	22	25.2	11.5	59	2	16.5	14	22	M18x1.0
in.	0,87	0,99	0,45	2,32	0,08	0,65	0,55	0,87	

RECOMMENDED BY LEMO

Tools

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

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