

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 10.00 - 10.00
Cable Ø 4.30 - 5.70 mm
Status active

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TECHNICAL DETAILS

Mechanics

Shell Style/Model PSA*: Fixed receptacle, nut fixing, cable collet
Keying Circular, female
Housing Material Brass (chrome plated) shell and collet nut, nickel plated 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

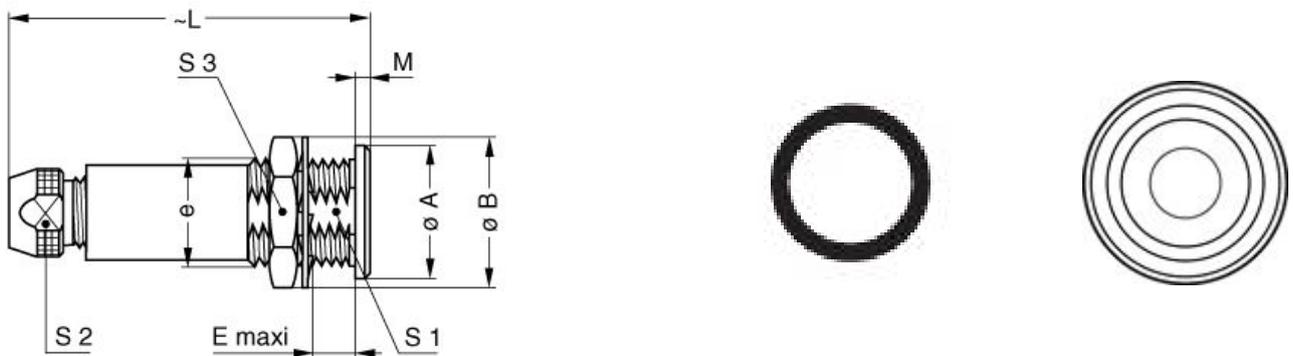
Endurance (Shell): 5000 mating cycles

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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

Draws



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: [MTZ.3S.500.014](#)

Cables

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121 221	PVC	Red	
131 221	PVC	Red	

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