

SUMMARY

Wires

High voltage 1



Image is for illustrative purpose only

Series 1S
Termination type Female solder High-Voltage
IP rating 50
AWG wire size 30.00 - 22.00
Cable Ø 0.00 - 0.00 mm
Status active
Matching parts [FFR.1S.408.CLAE61](#)

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TECHNICAL DETAILS

Mechanics

Shell Style/Model ERD*: Fixed receptacle with two nuts (back panel mounting)
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 9.72 g

Performance

Configuration 1S.408 : 1 High Voltage
Insulator L: PEEK (UL 94 / V-0/1.5)
Rated Current 6 Amps

Specifications

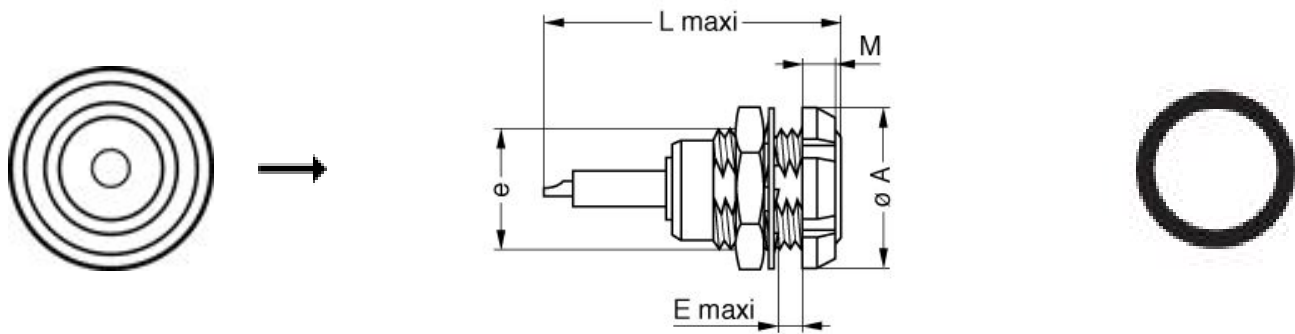
Contact Type: Solder
Test voltage (kV DC) 18
Test voltage (kV AC) 12.7
Rear of connector must be protected: ATUM
Creepage distance min.: 20.4 mm

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: >1000 hr

DRAWINGS



Dimensions

	A	E	L	M	e
mm.	16	6	29.9	3.5	M12x1.0
in.	0,63	0,24	1,18	0,14	

RECOMMENDED BY LEMO

Tools

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