

SUMMARY

Wires

High voltage 1



Image is for illustrative purpose only

Series 1S
Termination type Female solder High-Voltage
IP rating 68
AWG wire size 30.00 - 22.00
Cable Ø 0.00 - 0.00 mm
Status active
Matching parts [FFR.1S.408.CLA61](#)

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TECHNICAL DETAILS

Mechanics

Shell Style/Model HCP*: Fixed receptacle, nut fixing, watertight or vacuum-tight (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
Variant P : Watertight
Weight 20.55 g

Performance

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

Specifications

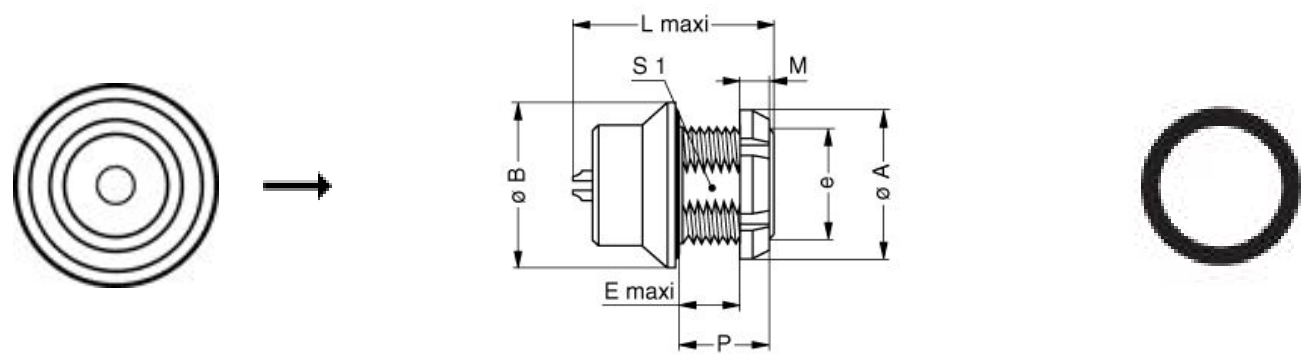
Contact Type: Solder
Test voltage (kV DC) 18
Test voltage (kV AC) 12.7
Rear of connector must be protected: ATUM
Creepage distance min.: 20.4 mm

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Others

- Endurance (Shell): 5000 mating cycles
- Temp (min / max): -20°C / +100°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: 20/80/21
- Shielding (min): 75 dB (10 MHz)
- Shielding (min): 40 dB (1 GHz)
- Salt Spray Corrosion: >1000 hr
- Pressure: 60 bars

DRAWINGS



Dimensions

	A	B	E	L	M	P	e
mm.	18	20	8.6	25.5	3.5	12	M14x1.0
in.	0,71	0,79	0,34	1,00	0,14	0,47	

RECOMMENDED BY LEMO

Tools

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