FFR.1S.408.CLAE46

SUMMARY

Wires

High voltage	1



Image is for illustrative purpose only

Series	1S
Termination type	Male solder High-Voltage
IP rating	50
AWG wire size	30.00 - 22.00
Cable Ø	4.00 - 4.60 mm
Status	active
Matching parts	ERA.1S.408.CLL

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	FFR*: Straight plug for cable crimping with safety 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	17.99 g

Performance

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

Specifications

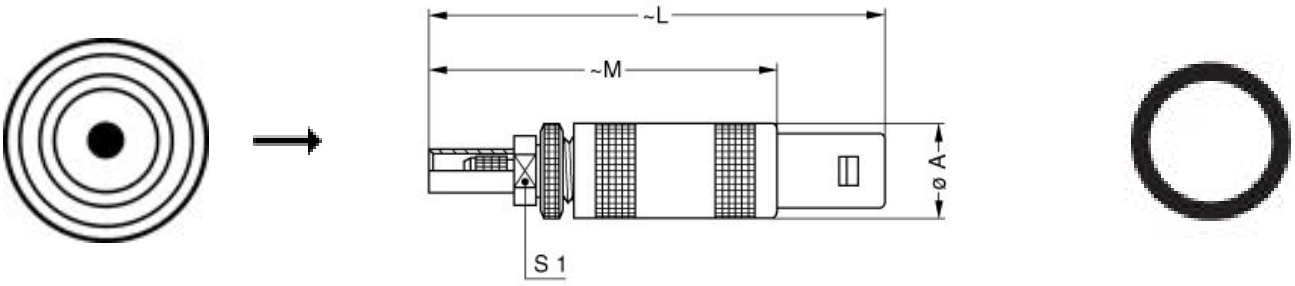
Contact Type: Solder
Test voltage (kV DC) 18
Test voltage (kV AC) 12.7
Rear of connector must be protected: ATUM
Creepage distance min.: 20.4 mm

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: >144 hr

DRAWINGS



Dimensions

	A	L
mm.	12	53
in.	0,47	2,09

RECOMMENDED BY LEMO

Tools

Spanner wrench: DCD.1S.015.PA085

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