



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 22.00 - 22.00

Cable Ø 1.20 - 8.70 mm

Status active

Matching parts FFR.1S.408.CLAE46

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Catalog

TECHNICAL DETAILS

Mechanics

Shell Style/Model ERA*: Fixed receptacle, nut fixing

Keying Circular, female

Housing Material Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces

Weight 8.29 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

Endurance (Shell): 5000 mating cycles

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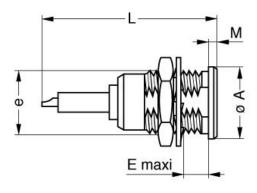
Temp (min / max): -55°C / +250°C

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: >1000 hr

DRAWINGS

Draws







Dimensions

	А	E	L	М	e
mm.	14	7.5	29.9	1.5	M12x1.0
in.	0.55	0.30	1.18	0.06	

RECOMMENDED BY LEMO

Tools

Cables

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121 221	PVC	Red	
131 221	PVC	Red	

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