

SUMMARY

Wires

Low voltage	4
High voltage	1



Image is for illustrative purpose only

Series	3S
Termination type	Male solder Hybrid High-Voltage
IP rating	50
AWG wire size	0.00 - 0.00
Cable Ø	5.80 - 7.20 mm
Status	active
Matching parts	ERA.3S.704.CJL

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	FFP*: Straight plug, cable collet and inner anti-rotating device and nut for fitting a bend relief
Keying	Hermaphroditic keying (half moon insert) with male pin 1
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	Z : Nut for fitting a bend relief
Weight	55.96 g

Performance

Configuration	3S.704 : 1 High V. 4 Low V.
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	LV 10, HV 3 Amps

Specifications

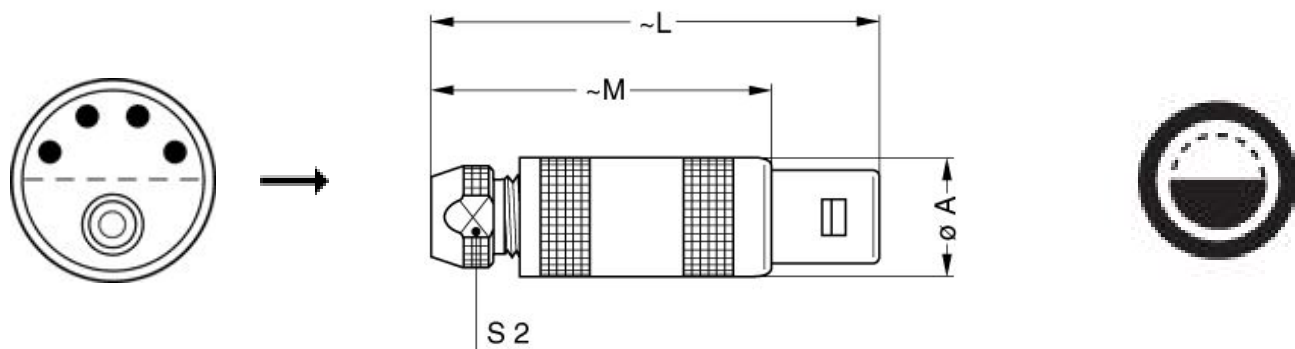
Contact Type: Solder
Working voltage HV contact - Us (kV rms) 2.1
Test voltage LV Ue (kV rms) 1
Please use heatshrink to guarantee High Voltage performance ▢

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Others

- 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	M	S2
mm.	17.8	61	46	14
in.	0,70	2,40	1,81	0,55

RECOMMENDED BY LEMO

Tools

Spanner wrench: [DCP.91.023.TN](#)

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