

SUMMARY

Wires

Low voltage 5



Image is for illustrative purpose only

Series	3S
Termination type	Female solder
IP rating	50
AWG wire size	0.00 - 0.00
Cable Ø	7.30 - 8.70 mm
Status	active

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	FFA*: Straight plug, cable collet
Keying	Hermaphroditic keying (half moon insert) with female 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
Weight	53.41 g

Performance

Configuration	3S.305 : 2 (2 mm) + 3 (1.3 mm) Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	

Specifications

Contact Type: Solder
Vtest: 1500 V (AC), 2100 V (DC)
Vtest: 1500 V (AC), 2100 V (DC)

Others

Endurance (Shell): 5000 mating cycles
Temp (min / max): -55°C / +250°C

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Humidity (max): <=95% [at 60 deg C /140 F]

Vibration: 15 g [10 Hz - 2000 Hz]

Shock Resistance: 100 g [6 ms]

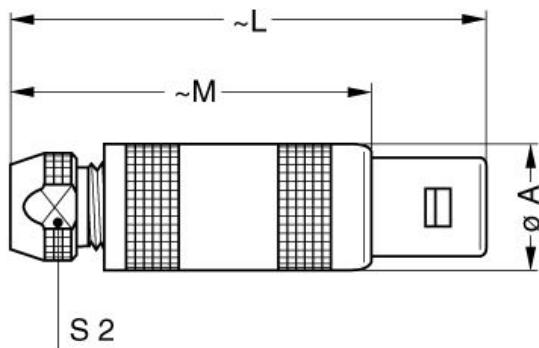
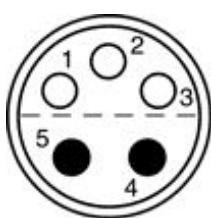
Climatical Category: 50/175/21

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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