

SUMMARY

Wires

Low voltage	5
Coax	1



Image is for illustrative purpose only

Series	3S
Termination type	Male solder mixed / multi coax
IP rating	50
AWG wire size	0.00 - 0.00
Cable Ø	5.80 - 7.20 mm
Status	active

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	FFA*: Straight plug, cable collet 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	55.85 g

Performance

Configuration	3S.805 : 1 Coax (50 Ohm), 5 Low V.
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	8 Amps

Specifications

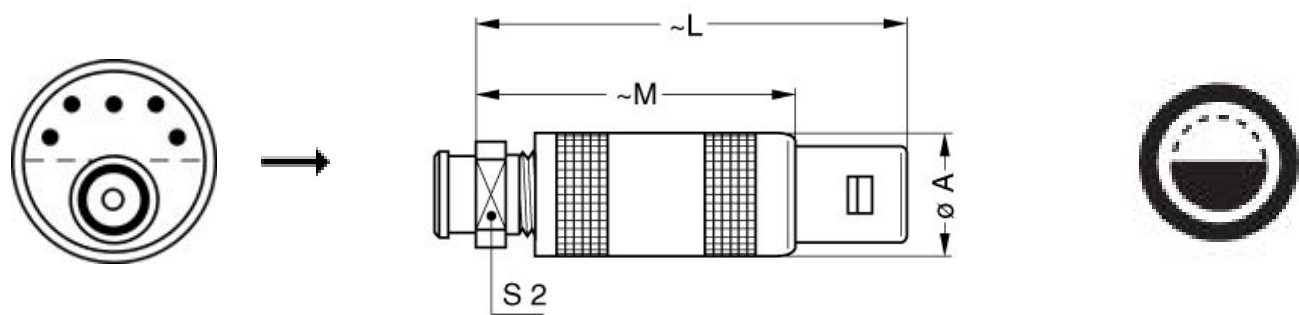
Vtest: 2100 V (AC), 3000 V (DC)
□
Impedance: 50 Ohm
Vtest (contact-shell): 1800 V (AC), 2550 V (DC)

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

RECOMMENDED BY LEMO

Tools

- Spanner 2: [DCP.99.050.TC](#)
Spanner wrench: [DCP.91.023.TN](#)

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