

SUMMARY

Wires

Low	6
High	0
Coax	0
Triax	0
Quad	0
Fiber	0
Fluidic	0



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Series	3S
Termination type	Male solder
IP rating	50
Cable Ø	7.30 - 8.70 mm
Matching parts	ERA.3S.306.CLL

TECHNICAL DETAILS

Mechanics

Shell Style/Model	FFP*: Straight plug, cable collet and inner anti-rotating device
Keying	
Housing Material	Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces
Cable Fixing	C87: 7.3 - 8.7 mm
Variant	

Performance

Configuration	3S.306 : 6 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/3.2, depends on material thickness)
Rated Current	14 Amps

Specifications

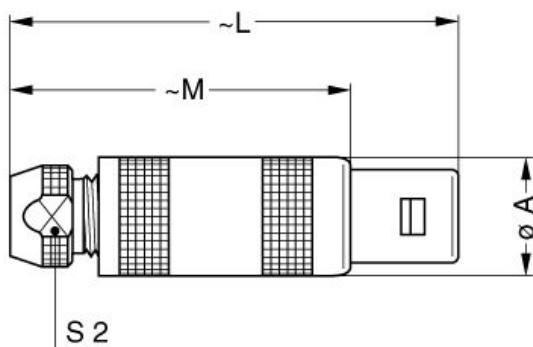
Contact Type: Solder
Max. Matings: 5000
Contact Dia.: 1.3 mm (0.051in)
Bucket Dia.: 1 mm (0.039in)
Max. Solid Conductor: 0.5 mm ² (AWG 20)
Max. Stranded Conductor: 0.5 mm ² (AWG 20)
R (max): 3.6 mOhm
Vtest: 2100 V (AC), 3000 V (DC)

Others

Endurance (Shell): 5000 mating cycles
Humidity (max): $\leq 95\%$ [at 60 deg C / 140 F]
Vibration: 15 g [10 Hz - 2000 Hz]
Shock Resistance: 100 g [6 ms]
Salt Spray Corrosion: >144 hr
Climatical Category: 50/175/21
Shielding (min): 75 dB (10 MHz)
Shielding (min): 40 dB (1 GHz)
IP Rating: 50

DRAWINGS

Draws



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: DCP.91.023.TN
Torque wrench: MTZ.3S.500.014

Cables

360 500	PVC	Grey	
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360 750

PVC

Grey

