

SUMMARY

Wires

Low	8
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	8.80 - 9.70 mm
Matching parts	ERA.3S.308.CLL
Status	NRND
Alternative part	FFA.3S.308.CLAC97

TECHNICAL DETAILS

Mechanics

Shell Style/Model	FFA*: Straight plug, cable collet and nut for fitting a bend relief
Keying	Hermaphroditic keying ("half moon" insert), plug has male pin 1
Housing Material	Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces
Cable Fixing	C92: 8.8 - 9.7 mm
Variant	Z : Nut for fitting a bend relief
Weight	53.30 g

Performance

Configuration	3S.308 : 8 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/3.2, depends on material thickness)
Rated Current	10 Amps

Specifications

Contact Type: Solder
Max. Matings: 5000

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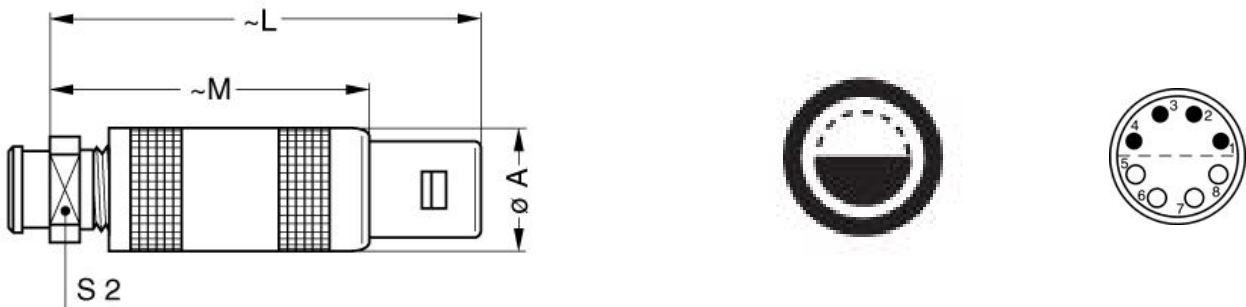
Contact Dia.: 1.3 mm (0.051in)
 Bucket Dia.: 1 mm (0.039in)
 Max. Solid Conductor: 0.5 mm² (AWG 20)
 Max. Stranded Conductor: 0.5 mm² (AWG 20)
 R (max): 3.6 mOhm
 Vtest: 1060 V (AC), 1500 V (DC)

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]
 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

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RECOMMENDED BY LEMO

Tools

Spanner wrench: MTZ.3S.500.014

Cables

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