

SUMMARY

Wires

Low voltage 8



Image is for illustrative purpose only

Series 3S
Termination type Female solder
IP rating 50
AWG wire size 28.00 - 20.00
Cable Ø 4.30 - 5.70 mm
Status active

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TECHNICAL DETAILS

Mechanics

Shell Style/Model PCA*: Free receptacle, 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 59.55 g

Performance

Configuration 3S.308 : 8 Low Voltage
Insulator L: PEEK (UL 94 / V-0/1.5)
Rated Current 10 Amps

Specifications

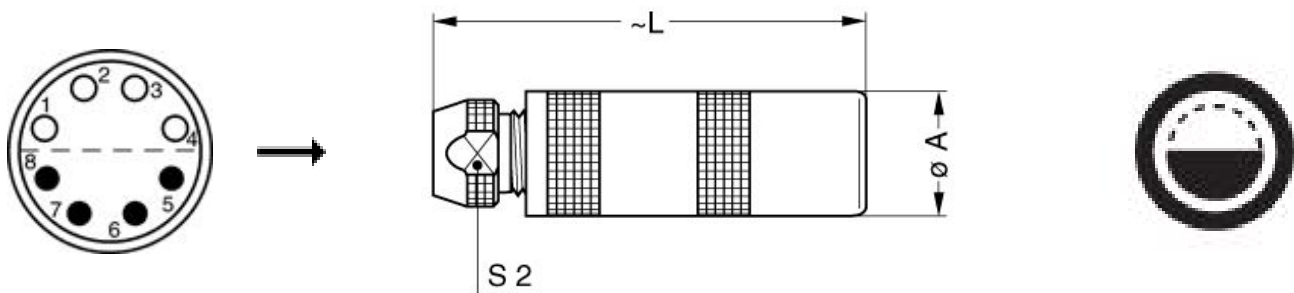
Contact Type: Solder
Contact Dia.: 1.3 mm (0.051in)
Bucket Dia.: 1 mm (0.039in)
Max. Solid Conductor: 0.5 mm² (AWG 20)
Max. Stranded Conductor: 0.5 mm² (AWG 20)
R (max): 3.6 mOhm
Vtest: 1060 V (AC), 1500 V (DC)

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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	S2
mm.	17.8	59	14
in.	0,70	2,32	0,55





RECOMMENDED BY LEMO

Tools

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

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Cables

108240	PTFE	White	
108260	PTFE	White	
180260	PVC	Black	
80140	PVC	Grey	
8280	PVC	Black	

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