

SUMMARY

Wires

Low voltage 48



Image is for illustrative purpose only

Series 5S
Termination type Male solder
IP rating 50
AWG wire size 28.00 - 20.00
Cable Ø 17.10 - 18.00 mm
Status active
Matching parts [ERA.5S.348.CLL](#)

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TECHNICAL DETAILS

Mechanics

Shell Style/Model FLA*: Elbow plug, cable collet
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
Weight 441.64 g

Performance

Configuration 5S.348 : 48 Low Voltage
Insulator L: PEEK (UL 94 / V-0/1.5)
Rated Current 6 Amps

Specifications

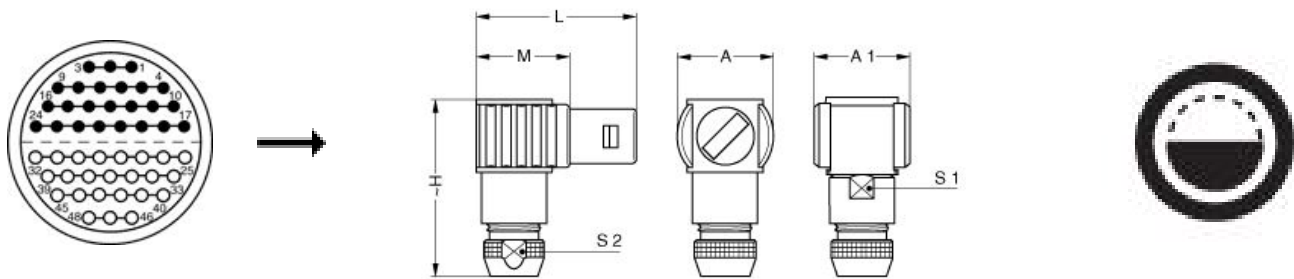
Contact Type: Solder
Contact Dia.: 1.3 mm (0.051in)
Bucket Dia.: 1 mm (0.039in)
Max. Solid Conductor: 0.5 mm² (AWG 20)
Max. Stranded Conductor: 0.5 mm² (AWG 20)
R (max): 3.6 mOhm
Vtest: 1200 V (AC), 1800 V (DC)

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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

	A1	H	L	M	S1	S2
mm.	37	76.5	65	40	30	29
in.	1,46	3,01	2,56	1,57	1,18	1,14

RECOMMENDED BY LEMO

Tools

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