

SUMMARY

Wires

Low voltage 10



Image is for illustrative purpose only

Series	3S
Termination type	Female solder
IP rating	50
AWG wire size	28.00 - 20.00
Cable Ø	9.80 - 10.50 mm
Status	active
Matching parts	FFA.3S.310.CLAC11

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	PSA*: Fixed receptacle, nut fixing, 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	54.31 g

Performance

Configuration	3S.310 : 10 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	9 Amps

Specifications

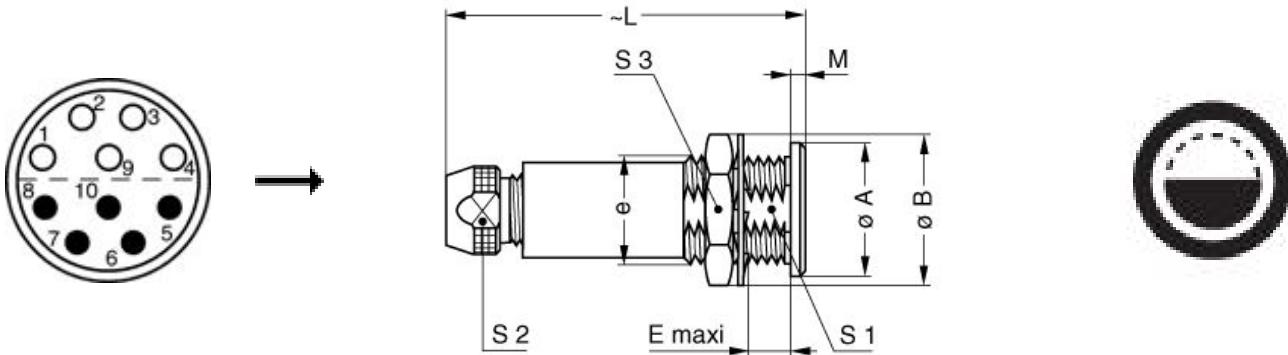
Contact Type: Solder
Contact Dia.: 1.3 mm (0.051in)
Bucket Dia.: 1 mm (0.039in)
Max. Solid Conductor: 0.5 mm² (AWG 20)
Max. Stranded Conductor: 0.5 mm² (AWG 20)
R (max): 3.6 mOhm
Vtest: 1060 V (AC), 1500 V (DC)

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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	B	E	L	M	S1	S2	S3	e
mm.	22	25,2	11,5	59	2	16,5	14	22	M18x1,0
in.	0,87	0,99	0,45	2,32	0,08	0,65	0,55	0,87	

RECOMMENDED BY LEMO

Tools

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

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