

SUMMARY

Wires

Low voltage 10



Image is for illustrative purpose only

Series	2S
Termination type	Female solder
IP rating	50
AWG wire size	30.00 - 22.00
Cable Ø	7.30 - 8.20 mm
Status	active
Matching parts	FFA.2S.310.CLAC77

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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

Performance

Configuration	2S.310 : 10 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	7 Amps

Specifications

Contact Type: Solder
Contact Dia.: 0.9 mm (0.0354in)
Bucket Dia.: 0.8 mm (0.031in)
Max. Solid Conductor: 0.34 mm ² (AWG 22)
R (max): 4.8 mOhm
Vtest: 800 V (AC), 1200 V (DC)

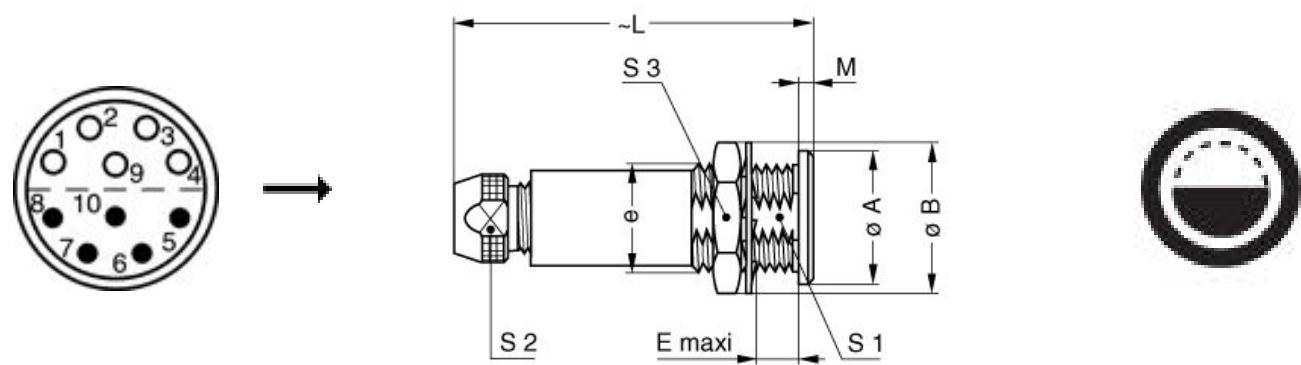
Others

Endurance (Shell): 5000 mating cycles

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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	C	E	L	M	S1	S2	S3	e
mm.	18	19.5	8.5	8.5	50	1.8	13.5	11	17	M15x1.0
in.	0,71	0,77	0,33	0,33	1,97	0,07	0,53	0,43	0,67	

RECOMMENDED BY LEMO

Tools

Spanner wrench: [DCD.2S.025.PA110](#)

Cables

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