

SUMMARY

Wires

Low voltage	3
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Image is for illustrative purpose only

Series	2B
Termination type	Female solder
IP rating	50
AWG wire size	24.00 - 16.00
Cable Ø	6.30 - 7.20 mm
Status	active
Matching parts	EGJ.2B.303.CLA

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	FG*: Straight plug, cable collet
Keying	2 keys (alpha=37.5, plug: female contacts, receptacle: male contacts)
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	30.40 g

Performance

Configuration	2B.303 : 3 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	17 Amps

Specifications

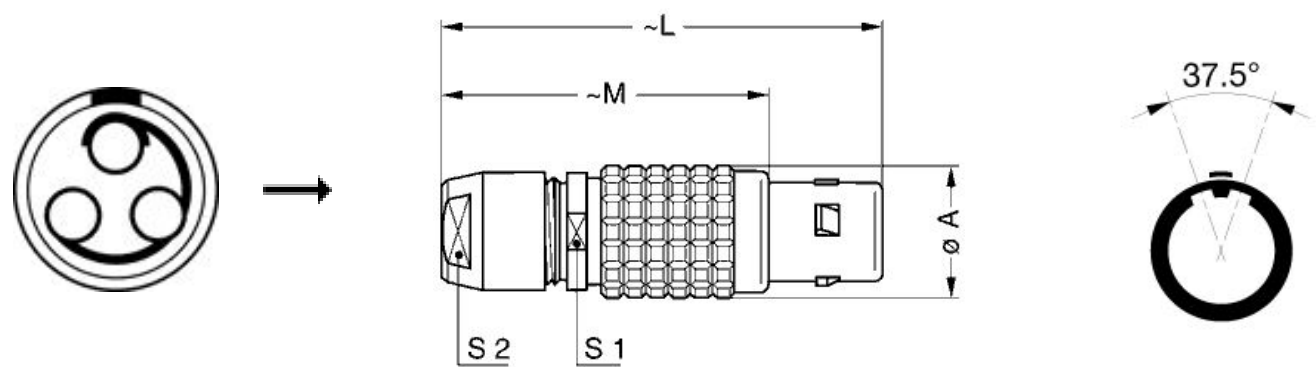
Contact Type: Solder
Contact Dia.: 1.6 mm (0.063in)
Bucket Dia.: 1.4 mm (0.055in)
Max. Solid Conductor: 1 mm² (AWG 16)
Max. Stranded Conductor: 1 mm² (AWG 18)
R (max): 3.5 mOhm
Vtest (contact-shell): 1850 V (AC), 2600 V (DC)
Vtest (contact-contact): 2400 V (AC), 3390 V (DC)

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Others

Endurance (Shell): 5000
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: >1000 hr

DRAWINGS



Dimensions

	A	L	M	S1	S2
mm.	15	50	38	13	12
in.	0,59	1,97	1,50	0,51	0,47

RECOMMENDED BY LEMO

Tools

Spanner wrench: [DCD.2B.025.PA120](#)

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