

SUMMARY

Wires

Low voltage 19



Image is for illustrative purpose only

Series 2B
Termination type Male solder
IP rating 50
AWG wire size 30.00 - 22.00
Cable Ø 7.30 - 8.20 mm
Status active
Matching parts [EGB.2B.319.CLL](#)
[PHB.2B.319.CLLD82Z](#)

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TECHNICAL DETAILS

Mechanics

Shell Style/Model FG*: Straight plug, cable collet and nut for fitting a bend relief
Keying 2 keys (alpha=45, plug: male contacts, receptacle: female 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
Variant Z : Nut for fitting a bend relief
Weight 29.81 g

Performance

Configuration 2B.319 : 19 Low Voltage
Insulator L: PEEK (UL 94 / V-0/1.5)
Rated Current 5 Amps

Specifications

Contact Type: Solder
Contact Dia.: 0.7 mm (0.028in)
Bucket Dia.: 0.8 mm (0.031in)
Max. Stranded Conductor: 0.34 mm² (AWG 22)
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R (max): 6.1 mOhm

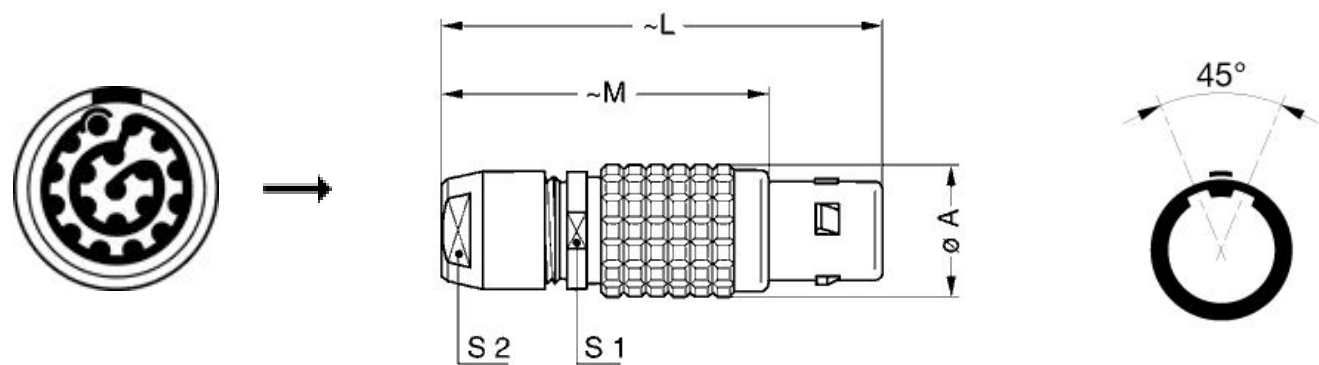
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Vtest (contact-shell): 1250 V (AC), 1770 V (DC)
Vtest (contact-contact): 950 V (AC), 1340 V (DC)

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	49	37	13	12
in.	0,59	1,93	1,46	0,51	0,47

RECOMMENDED BY LEMO

Tools

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

Cables

CMN.19.T22.079QGZE	TPR (medical)	Grey	
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