

SUMMARY

Wires

Low	10
High	0
Coax	0
Triax	0
Quad	0
Fiber	0
Fluidic	0

Series	2B
Termination type	Male solder
IP rating	50
Cable Ø	5.30 - 6.20 mm
Matching parts	EGG.2B.310.CLL



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TECHNICAL DETAILS

Mechanics

Shell Style/Model	FG*: Straight plug, cable collet and nut for fitting a bend relief
Keying	1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Housing Material	Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces
Cable Fixing	D62: 5.3 - 6.2 mm
Variant	Z : Nut for fitting a bend relief

Performance

Configuration	2B.310 : 10 Low Voltage
Insulator	L: PEEK
Rated Current	8 Amps

Specifications

Contact Type:	Solder
Max. Matings:	5000
Contact Dia.:	0.9 mm (0.035in)
Bucket Dia.:	0.8 mm (0.031in)
Max. Solid Conductor:	0.34 mm ² (AWG 22)
Max. Stranded Conductor:	0.34 mm ² (AWG 22)
R (max):	4.8 mOhm
Vtest (contact-shell):	1300 V (AC), 1840 V (DC)

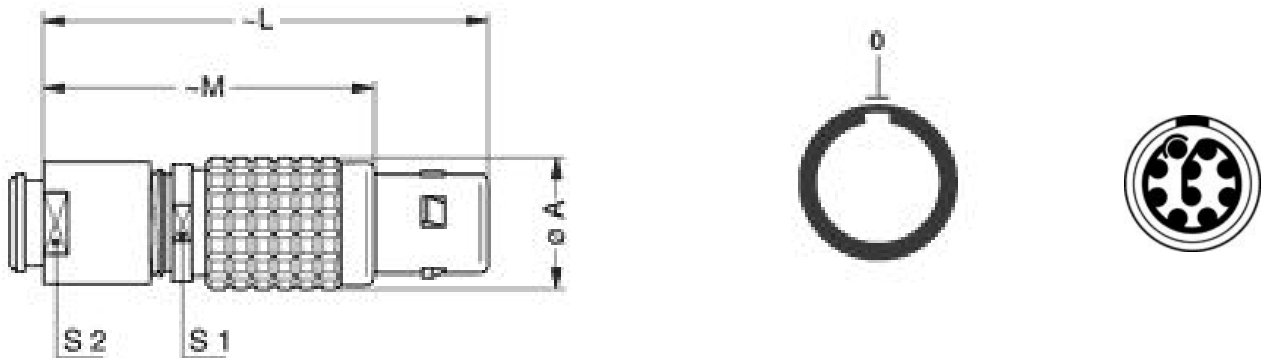
Vtest (contact-contact): 1450 V (AC), 2050 V (DC)

Others

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]
Salt Spray Corrosion: >1000 hr
Climatical Category: 50/175/21
Shielding (min): 75 dB (10 MHz)
Shielding (min): 40 dB (1 GHz)
IP Rating: 50

DRAWINGS

Draws



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

Spanner: DCP.91.023.TN
Torque wrench: MTZ.2B.220.120
Caps: BFG.2B.100.PCSG

Cables

CMN.10.T28.053QGZE	TPR (medical)	Grey	
110 240	PTFE	White	
110 280	PVC	Black	
210 140	PVC	Grey	