

SUMMARY

Wires

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



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Series	1B
Termination type	Female solder
IP rating	50
Cable Ø	5.30 - 6.20 mm
Status	active
Alternative part	
Matching parts	FGG.1B.310.CLAD62Z

TECHNICAL DETAILS

Mechanics

Shell Style/Model	PH*: Free receptacle, 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
Variant	Z : Nut for fitting a bend relief
Weight	19.79 g

Performance

Configuration	1B.310 : 10 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	2.5 Amps

Specifications

Contact Type:	Solder
Contact Dia.:	0.5 mm (0.02in)
Bucket Dia.:	0.45 mm (0.018in)
Max. Solid Conductor:	0.09 mm ² (AWG 28)

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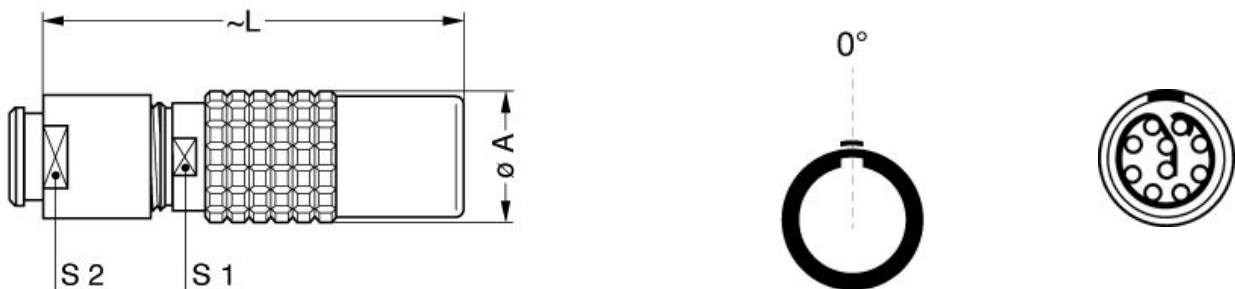
Max. Stranded Conductor: 0.09 mm² (AWG 28)
 R (max): 8.7 mOhm
 Vtest (contact-shell): 1500 V (AC), 2120 V (DC)
 Vtest (contact-contact): 900 V (AC), 1270 V (DC)

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
 IP Rating: 50

DRAWINGS

Draws



Dimensions

	A	L	S1	S2
mm.	12.5	39.5	10	9
in.	0.49	1.56	0.39	0.35



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Tools

Spanner wrench: DCD.1B.015.PA090

Cables

CMN.10.T28.053QGZE	TPR (medical)	Grey	
110 280	PVC	Black	

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