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FPG.1B.310.CLAD52

SUMMARY

Wires

 Low
 10

 High
 0

 Coax
 0

 Triax
 0

 Quad
 0

 Fiber
 0

 Fluidic
 0

Series 1B

Termination type Male solder

IP rating 50

Cable Ø 4.30 - 5.20 mm

Matching parts EGG.1B.310.CLL

Status active

Alternative part



Image is for illustrative purpose only

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Catalog

TECHNICAL DETAILS

Mechanics

Shell Style/Model FP*: Elbow (90°) plug with cable collet

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 D52: 4.3 - 5.2 mm

Variant

Weight 22.34 g

Performance

Configuration 1B.310: 10 Low Voltage

Insulator L: PEEK (UL 94 / V-0/3.2, depends on material thickness)

Rated Current 2.5 Amps

Specifications

Contact Type: Solder Max. Matings: 5000

Contact Dia.: 0.5 mm (0.02in)

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Bucket Dia.: 0.45 mm (0.018in)

Max. Solid Conductor: 0.09 mm² (AWG 28) 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

Temp (min / max): -55° C / $+250^{\circ}$ C

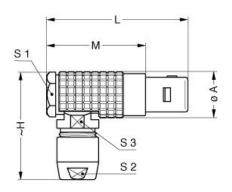
Humidity (max): <=95% [at 60 deg C /140 F]

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

	А	Н	L	М	S1	S2	S 3
mm.	12	29	36	25	11	9	10
in.	0,47	1,14	1,42	0,98	0,43	0,35	0,39

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RECOMMENDED BY LEMO

Tools

Spanner wrench: DCD.1B.015.PA090

Cables

CMN.10.T28.052PGCE	PVC	GREY	
CMN.10.T28.052PGZE		Grey	
CMN.10.T28.052PNCE	PVC	Black	
CMN.10.T28.052PNZE			

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