

FGG.1B.310.CLAD52

SUMMARY

Wires

Low voltage

10



Image is for illustrative purpose only

Series	1B
Termination type	Male solder
IP rating	50
AWG wire size	34.00 - 28.00
Cable Ø	4.30 - 5.20 mm
Status	active
Matching parts	EGG.1B.310.CLL
	PHG.1B.310.CLLD52

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See video assembly instructions

TECHNICAL DETAILS

Mechanics

	Shell Style/Model	FG*: Straight plug, cable collet		
	Keying	1 key (alpha=0, plug: male contacts, receptacle: female contacts)		
	Housing Material Brass (chrome plated [SAE AMS 2460]) shell and collet nut, nickel plated [SAE AMS QQ N brass latch sleeve and mid pieces			
	Weight	15.34 g		
Ρ	erformance			
	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) Max. Stranded Conductor: 0.09 mm^2 (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)

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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

	А	L	м	S1	S2
mm.	12	43	32	10	9
in.	0,47	1,69	1,26	0,39	0,35

RECOMMENDED BY LEMO

Tools

Caps:

Spanner wrench:

DCD.1B.015.PA090

BFG.1B.100.PCSG

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Cables

CMN.10.T28.052PGZE	Grey	
CMN.10.T28.052PNZE		

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