

FGG.1B.308.CLAD62

SUMMARY

Wires

Low voltage





Image is for illustrative purpose only

Series	1B	
Termination type	Male solder	
IP rating	50	
AWG wire size	30.00 - 22.00	
Cable Ø	5.30 - 6.20 mm	
Status	active	
Matching parts	EGG.1B.308.CLL	
	PHG.1B.308.CLLD62	

Download <u>Request a quote</u> <u>Eplan</u> <u>Catalog</u> 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 290] brass latch sleeve and mid pieces
Weight	15.26 g
Performance	
Configuration	1B.308 : 8 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	5 Amps
Specifications	
Specifications	

Contact Type: Solder Contact Dia.: 0.7 mm (0.028in) Bucket Dia.: 0.8 mm (0.031in) Max. Stranded Conductor: 0.34 mm^2 (AWG 22) Max. Conductor: 0.34 mm^2 (AWG 22) R (max): 6.1 mOhm Vtest (contact-shell): 1150 V (AC), 1630 V (DC) Vtest (contact-contact): 950 V (AC), 1340 V (DC)

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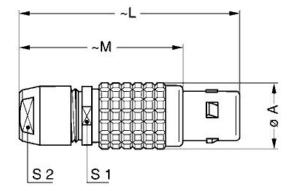
Others

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.08.T22.059QGC	TPR	Grey	
CMN.08.T22.059QGZE	TPR (medical)	Grey	
16080	PVC	Grey	
180240	PVC	Black	
180260	PVC	Black	
335991	PVC	Black	36
42265	PVC	Yellow	
80140	PVC	Grey	

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