

# FGG.1B.512.CTAD42

## SUMMARY

#### # Wires

Low voltage



Image is for illustrative purpose only

Series	1B	
Termination type	Male solder	
IP rating	50	
AWG wire size	30.00 - 26.00	
Cable Ø	3.10 - 4.20 mm	
Status	active	

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# **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	16.68 g
Performance	
Configuration	1B.512 : 2x SPE - 4 High Speed, Low Voltage (1000BASE-T1 (IEEE 802.3bp)) + 3 Ground contacts
Insulator	T: PTFE
Rated Current	

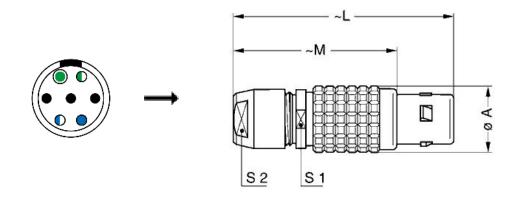
#### Others

Endurance (Shell): 5000 Temp (min / max): -55°C / +250°C Humidity (max): <=95% [at 60 deg C /140 F]

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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





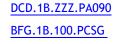
#### Dimensions

	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

Spanner wrench: Caps:



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