

SUMMARY

Wires

Low voltage 2



Image is for illustrative purpose only

Series	0B
Termination type	Male solder
IP rating	50
AWG wire size	20.00 - 20.00
Cable Ø	1.40 - 2.20 mm
Status	obsolete
Alternative part	FGG.0B.302.CLAD22
Matching parts	EGG.0B.302.CLL

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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) shell and collet nut, nickel plated brass latch sleeve and mid pieces
Weight	8.61 g

Performance

Configuration	0B.302 : 2 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	10 Amps

Specifications

Contact Type: Solder
Contact Dia.: 0.9 mm (0.035in)
Bucket Dia.: 1.0 mm (0.039in)
Max. Solid Conductor: 0.56 mm ² (AWG 20)
Max. Stranded Conductor: 0.56 mm ² (AWG 20)
R (max): 4.8 mOhm
Vtest (contact-shell): 1050 V (AC), 1490 V (DC)
Vtest (contact-contact): 1000 V (AC), 1400 V (DC)

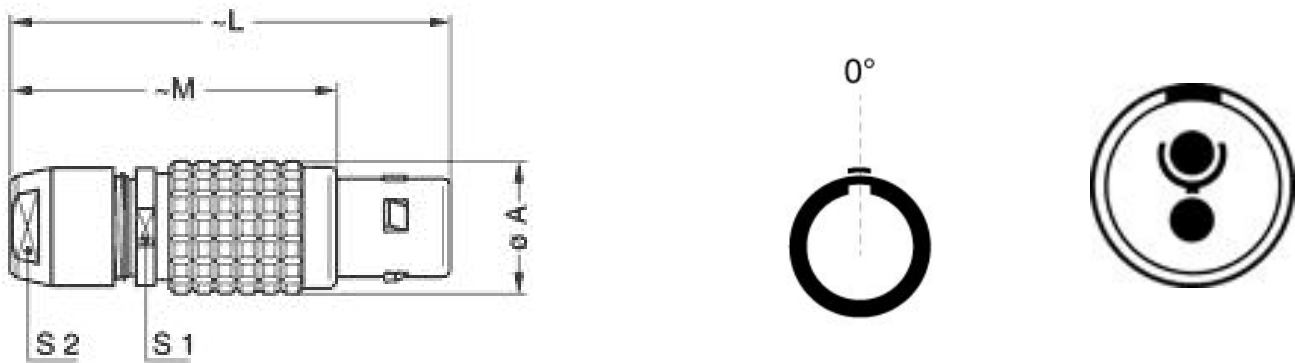
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Others

- 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

Draws



Dimensions

	A	L	M	S1	S2
mm.	9.5	36	26	8	7
in.	0.37	1.42	1.02	0.31	0.28

RECOMMENDED BY LEMO

Tools

- Spanner wrench: [DCD.OB.005.PA070](#)
- Caps: [BFG.OB.100.PCSG](#)

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Cables

020 550	PUR	Black	
020 560	PUR	White	
CMB.02.210.635	PUR	Black	

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