

SUMMARY

Wires

Low voltage 2



Image is for illustrative purpose only

Series 0B
Termination type Male solder
IP rating 50
AWG wire size 28.00 - 20.00
Cable Ø 4.30 - 5.20 mm
Status active
Matching parts [ECG.0B.302.KLL](#)

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TECHNICAL DETAILS

Mechanics

Shell Style/Model FG*: Straight plug, cable collet and nut for fitting a bend relief
Keying 1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Housing Material Brass (black chrome) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces
Variant Z : Nut for fitting a bend relief
Weight 8.30 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 mm² (AWG 20)
Max. Stranded Conductor: 0.56 mm² (AWG 20)
R (max): 4.8 mOhm

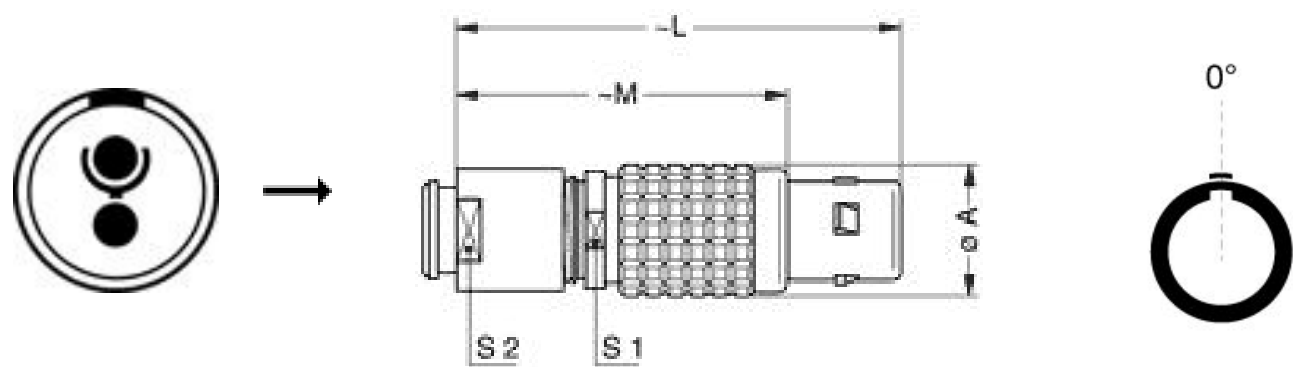
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Vtest (contact-shell): 1050 V (AC), 1490 V (DC)
Vtest (contact-contact): 1000 V (AC), 1400 V (DC)

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

	A	L	M	S1	S2
mm.	9.5	35	25	8	7
in.	0,37	1,38	0,98	0,31	0,28




RECOMMENDED BY LEMO

Tools

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

Cables

120240	PVC	Black	
120250	PVC	Grey	
2221	PVC	Black	
4082	PVC	Grey	

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