

SUMMARY



Image is for illustrative purpose only

Wires

Low voltage 2

Series	OB
Termination type	Male solder
IP rating	50
AWG wire size	28.00 - 20.00
Cable Ø	2.30 - 3.20 mm
Status	obsolete
Alternative part	FGG.OB.302.CLAD32
Matching parts	EGG.OB.302.CLL

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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	8.44 g

Performance

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

Specifications

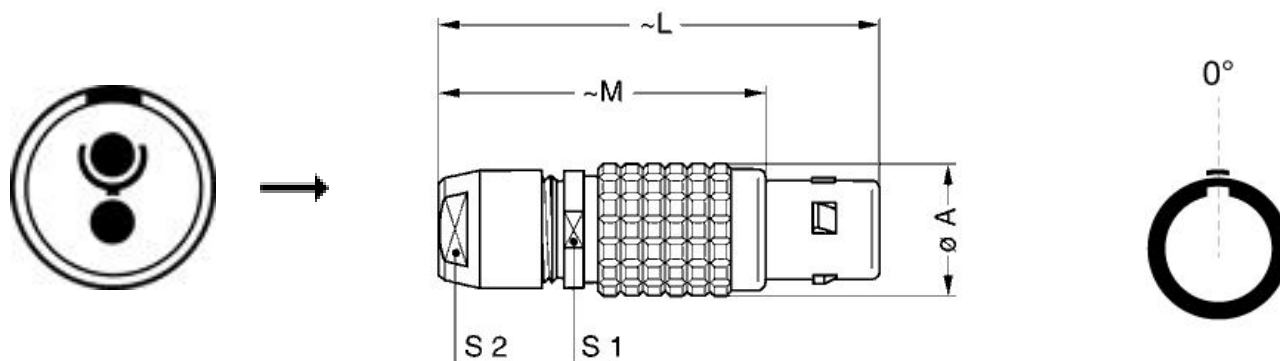
- Contact Type: Solder
- Contact Dia.: 0.9 mm (0.035in)
- Bucket Dia.: 1.0 mm (0.039in)
- Max. Solid Conductor: 0.56 mm² (AWG 20)
- Max. Stranded Conductor: 0.56 mm² (AWG 20)
- R (max): 4.8 mOhm
- Vtest (contact-shell): 1050 V (AC), 1490 V (DC)
- Vtest (contact-contact): 1000 V (AC), 1400 V (DC)

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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



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.0B.005.PA070](#)

Caps: [BFG.0B.100.PCSG](#)

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Cables

CMN.02.T28.030PGCE	PVC	GREY	
CMN.02.T28.030PGZE		Grey	
CMN.02.T28.030PNCE	PVC	Black	
CMN.02.T28.030PNZE			
2050	PVC	Black	
2260	PTFE	White	

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