

SUMMARY

Wires

Low	3
High	0
Coax	0
Triax	0
Quad	0
Fiber	0
Fluidic	0

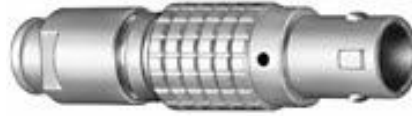


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Series	0B
Termination type	Male solder
IP rating	50
Cable Ø	4.30 - 5.20 mm
Status	active
Alternative part	
Matching parts	EGG.0B.303.CLL PHG.0B.303.CLLD52Z

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 (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces
Variant	Z : Nut for fitting a bend relief
Weight	8.49 g

Performance

Configuration	0B.303 : 3 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	8 Amps

Specifications

Contact Type:	Solder
Contact Dia.:	0.9 mm (0.035in)
Bucket Dia.:	1.0 mm (0.039in)

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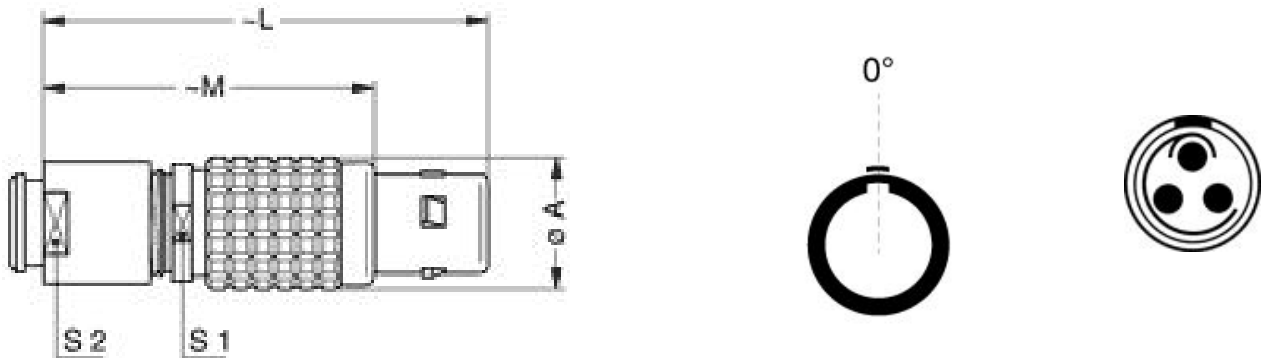
Max. Solid Conductor: 0.56 mm² (AWG 20)
 Max. Stranded Conductor: 0.56 mm² (AWG 20)
 R (max): 4.8 mOhm
 Vtest (contact-shell): 900 V (AC), 1270 V (DC)
 Vtest (contact-contact): 1200 V (AC), 1700 V (DC)

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
 IP Rating: 50

DRAWINGS

Draws



Dimensions

	A	L	M	S1	S2
mm.	9.5	35	25	8	7
in.	0.37	1.38	0.98	0.31	0.28

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RECOMMENDED BY LEMO

Tools

Spanner wrench: DCD.0B.005.PA070

Caps: BFG.0B.100.PCSG

Cables

CMN.03.T22.049PGCE	PVC	GREY	
CMN.03.T22.049PGZE		Grey	
CMN.03.T22.049PNCE	PVC	Black	
CMN.03.T22.049PNZE			
003 220	PVC	Black	
030 260	PVC	Black	
060 080	PVC	Grey	
130 240	PVC	Black	
130 250	PVC	Grey	

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