

SUMMARY

Wires

Low voltage 10



Image is for illustrative purpose only

Series	1B
Termination type	Male solder
IP rating	50
AWG wire size	34.00 - 28.00
Cable Ø	4.30 - 5.20 mm
Status	active
Matching parts	EGG.1B.310.GLL

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[Catalog](#)

[See video assembly instructions](#)

TECHNICAL DETAILS

Mechanics

Shell Style/Model	FG*: Straight plug, cable collet, PEEK outer shell
Keying	1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Housing Material	PEEK (Polyetheretherketone) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve+mid pieces (if plug)
Variant	Z : Nut for fitting a bend relief
Weight	11.17 g

Performance

Configuration	1B.310 : 10 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	2.5 Amps

Specifications

Contact Type: Solder
 Contact Dia.: 0.5 mm (0.02in)
 Bucket Dia.: 0.45 mm (0.018in)
 Max. Solid Conductor: 0.09 mm² (AWG 28)
 Max. Stranded Conductor: 0.09 mm² (AWG 28)
 R (max): 8.7 mOhm

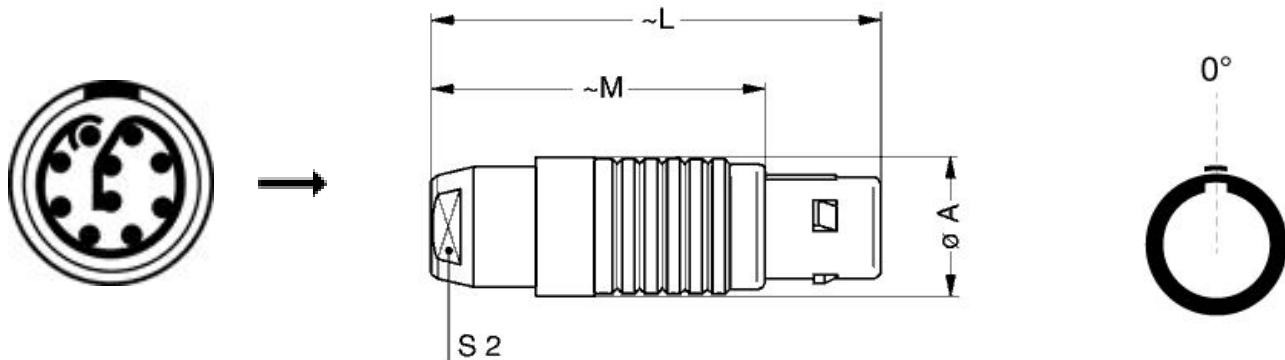
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Vtest (contact-shell): 1500 V (AC), 2120 V (DC)
Vtest (contact-contact): 900 V (AC), 1270 V (DC)

Others

Endurance (Shell): 5000
Temp (min / max): -50 °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)

DRAWINGS



Dimensions

	A	L	M	S2
mm.	13.5	43	32	10
in.	0,53	1,69	1,26	0,39

RECOMMENDED BY LEMO

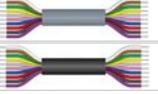
Tools

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Spanner wrench: [DCD.1B.015.PA090](#)

Caps: [BFG.1B.100.PCSG](#)

Cables

CMN.10.T28.052PGZE		Grey	
CMN.10.T28.052PNZE			

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