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FGG.1B.314.GLAD52

SUMMARY

Wires

Low voltage 14



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.314.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)

Weight 11.36 g

Performance

Configuration 1B.314 : 14 Low Voltage Insulator L: PEEK (UL 94 / V-0/1.5)

Rated Current 2 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

Vtest (contact-shell): 1200 V (AC), 1700 V (DC) Vtest (contact-contact): 800 V (AC), 1130 V (DC)

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Others

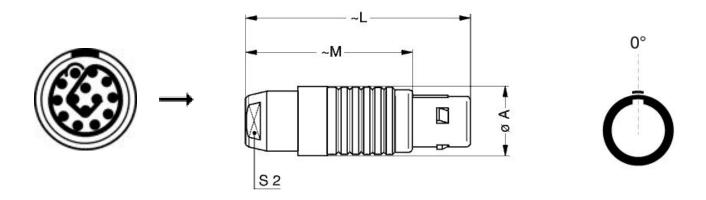
Endurance (Shell): 5000

Temp (min / max): -50° C / $+250^{\circ}$ 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

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

RECOMMENDED BY LEMO

Tools

Spanner wrench: DCD.1B.ZZZ.PA090
Caps: BFG.1B.100.PCSG

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