

FGJ.3B.303.CLLD12

SUMMARY

Wires

Low voltage 3



Image is for illustrative purpose only

Series 3B

Termination type Female solder

IP rating 50

AWG wire size 22.00 - 14.00 Cable Ø 10.80 - 11.90 mm

Status active

Matching parts EGJ.3B.303.CLA

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TECHNICAL DETAILS

Mechanics

Shell Style/Model FG*: Straight plug, cable collet

Keying 2 keys (alpha=37.5, plug: female contacts, receptacle: male 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 47.18 g

Performance

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

Rated Current 25 Amps

Specifications

Contact Type: Solder

Contact Dia.: 2 mm (0.079in) Bucket Dia.: 1.8 mm (0.071in)

Max. Solid Conductor: 1.5 mm² (AWG 14) Max. Stranded Conductor: 1.5 mm² (AWG 16)

R (max): 3.3 mOhm

Vtest (contact-shell): 1500 V (AC), 2120 V (DC) Vtest (contact-contact): 1900 V (AC), 2700 V (DC)

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Others

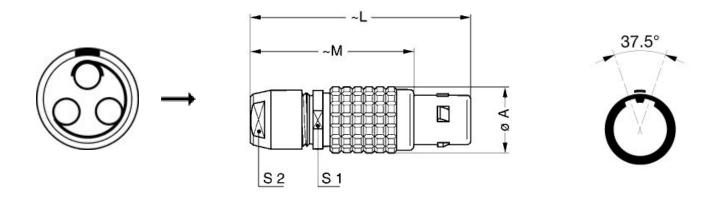
Endurance (Shell): 5000

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

	А	L	M	S 1	S2
mm.	18	58	43	15	14
in.	0,71	2,28	1,69	0,59	0,55

RECOMMENDED BY LEMO

Tools

Spanner wrench: DCD.3B.ZZZ.PA140

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