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FGG.2B.302.CLAD62

SUMMARY

Wires

Low voltage 2



Image is for illustrative purpose only

Series 2B

Termination type Male solder

IP rating 50

AWG wire size 22.00 - 14.00

Cable Ø 5.30 - 6.20 mm

Status active

Matching parts EGG.2B.302.CLL

PHG.2B.302.CLLD62

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Eplan Catalog

See video assembly instructions

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 29.10 g

Performance

Configuration 2B.302 : 2 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): 1750 V (AC), 2500 V (DC) Vtest (contact-contact): 2100 V (AC), 2970 V (DC)

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Others

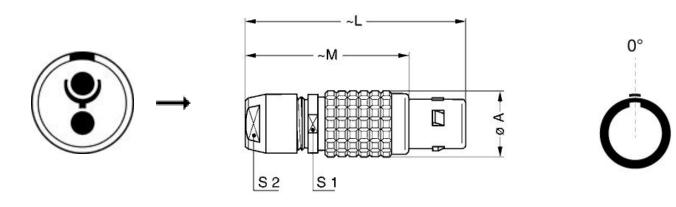
Endurance (Shell): 5000

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

	Α	L	М	S 1	S2
mm.	15	50	38	13	12
in.	0,59	1,97	1,50	0,51	0,47

RECOMMENDED BY LEMO

Tools

Spanner wrench: DCD.2B.ZZZ.PA120
Caps: BFG.2B.100.PCSG

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Cables

102080	PVC	Grey	
120184	PVC	Black	
120500	PVC	Grey	-
120751	PVC	Grey	-
220750	PVC	Grey	-

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