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FGG.4B.306.CLAD12

SUMMARY

Wires

Low voltage	**6**

Image is for illustrative purpose only

Series	4B
Termination type	Male solder
IP rating	50
AWG wire size	22.00 - 14.00
Cable Ø	10.60 - 12.00 mm
Status	active
Matching parts	EGG.4B.306.CLL

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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	118.17 g

Performance

Configuration	4B.306 : 6 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	24 Amps

Specifications

Contact Type: Solder
Contact Dia.: 2 mm (0.079in)
Bucket Dia.: 1.8 mm (0.071in)
Max. Solid Conductor: 1.5 mm^2 (AWG 14)
Max. Stranded Conductor: 1.5 mm^2 (AWG 16)
R (max): 3.3 mOhm
Vtest (contact-shell): 1750 V (AC), 2500 V (DC)
Vtest (contact-contact): 2000 V (AC), 2850 V (DC)

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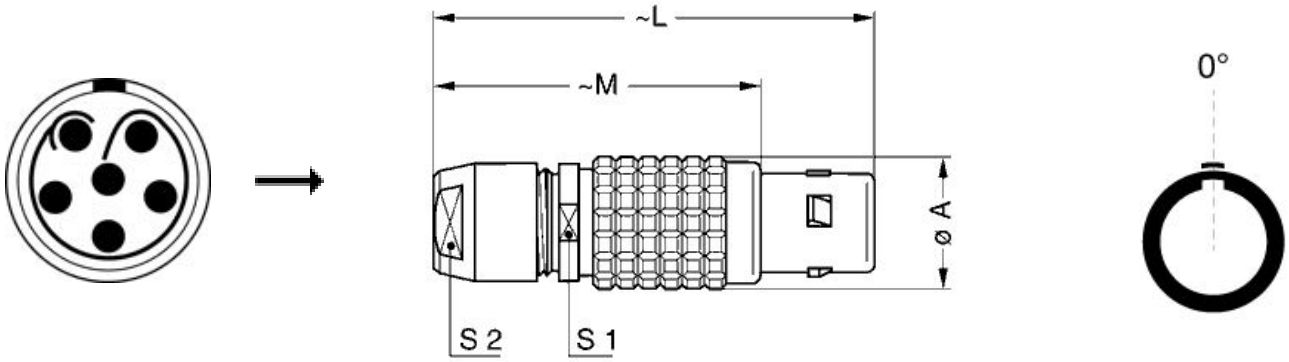
Others

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

	A	L	M	S1	S2
mm.	25	75	57	21	20
in.	0,98	2,95	2,24	0,83	0,79

RECOMMENDED BY LEMO

Tools

Caps: BFG.4B.100.NAS

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