

SUMMARY

Wires

Low voltage 5



Image is for illustrative purpose only

Series 0B
Termination type Female print PCB
IP rating 50
AWG wire size 30.00 - 22.00
Cable Ø 0.00 - 0.00 mm
Status active
Matching parts [FGB.0B.305.CLAD3Z](#)

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TECHNICAL DETAILS

Mechanics

Shell Style/Model EC*: Fixed receptacle with two nuts and straight contacts for printed circuit (back panel mounting)
Keying 2 keys (alpha=60, 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 5.08 g

Performance

Configuration 0B.305 : 5 Low Voltage
Insulator L: PEEK (UL 94 / V-0/1.5)
Rated Current 6.5 Amps

Specifications

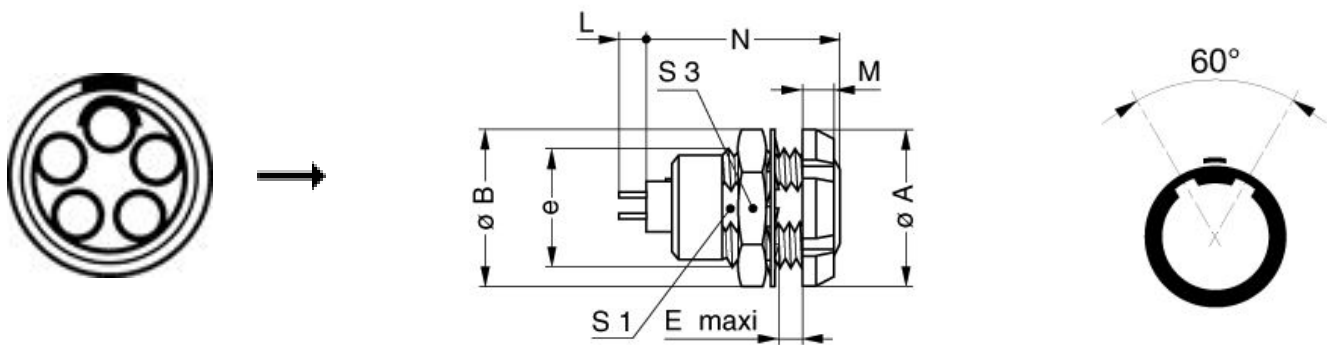
Contact Type: Print (straight)
Contact Dia.: 0.7 mm (0.028in)
R (max): 6.1 mOhm
Vtest (contact-shell): 700 V (AC), 990 V (DC)
Vtest (contact-contact): 1000 V (AC), 1400 V (DC)

Others

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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	B	E	Lmax	M	Nmax	S1	S3	e
mm.	12	12.4	5.5	19.55	2.5	16.3	8.2	11	M9x0.6
in.	0,47	0,49	0,22	0,77	0,10	0,64	0,32	0,43	

RECOMMENDED BY LEMO

Tools

Spanner 2: [DCH.91.121.PA](#)

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