

SUMMARY



Image is for illustrative purpose only

Wires

Low voltage 20

Series 3B
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 [FGC.3B.320.CLAD10](#)

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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 30.06 g

Performance

Configuration 3B.320 : 20 Low Voltage
Insulator L: PEEK (UL 94 / V-0/1.5)
Rated Current 6 Amps

Specifications

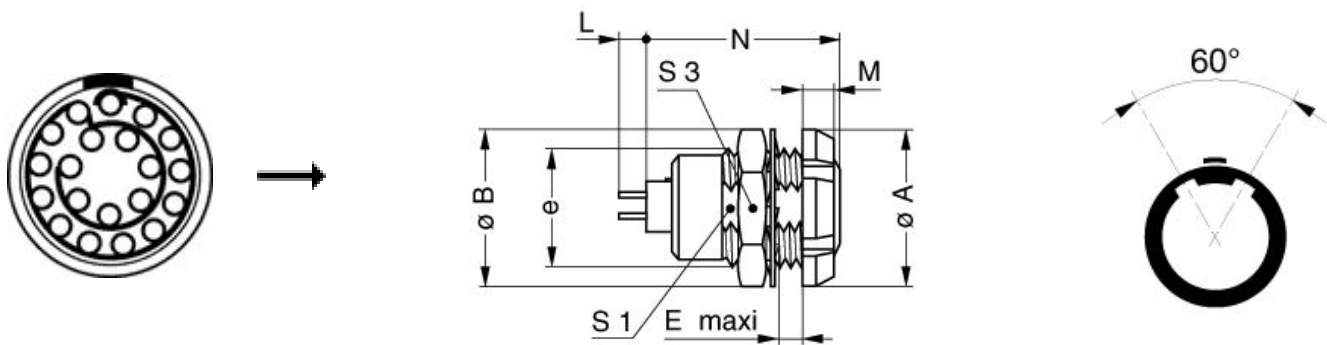
Contact Type: Print (straight)
Contact Dia.: 0.7 mm (0.028in)
R (max): 6.1 mOhm
Vtest (contact-shell): 900 V (AC), 1270 V (DC)
Vtest (contact-contact): 1000 V (AC), 1400 V (DC)

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	N	S1	S3	e
mm.	24	25	9	30.3	4.5	25	16.5	22	M18x1.0
in.	0,94	0,98	0,35	1,19	0,18	0,98	0,65	0,87	

RECOMMENDED BY LEMO

Tools

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