

SUMMARY

Wires

Low voltage 5



Image is for illustrative purpose only

| | |
|------------------|-----------------------------------|
| Series | 2B |
| Termination type | Female print PCB |
| IP rating | 50 |
| AWG wire size | 28.00 - 20.00 |
| Cable Ø | 0.00 - 0.00 mm |
| Status | active |
| Matching parts | FGG.2B.305.CLAD52 |

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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 | 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 | 16.55 g |

Performance

| | |
|---------------|---------------------------|
| Configuration | 2B.305 : 5 Low Voltage |
| Insulator | L: PEEK (UL 94 / V-0/1.5) |
| Rated Current | 14 Amps |

Specifications

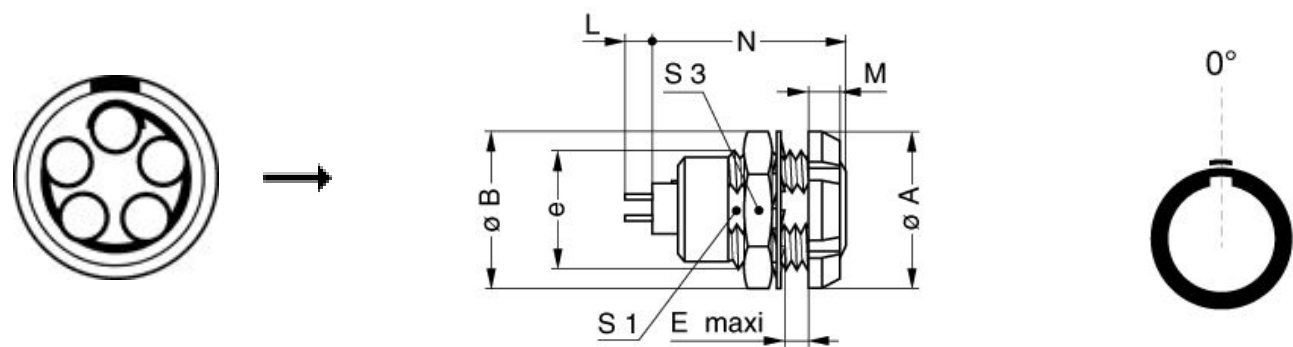
Contact Type: Print (straight)
Contact Dia.: 1.3 mm (0.051in)
R (max): 3.6 mOhm
Vtest (contact-shell): 1600 V (AC), 2250 V (DC)
Vtest (contact-contact): 1750 V (AC), 2500 V (DC)

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 | L | M | N | S1 | S3 | e |
|-----|------|------|------|------|------|------|------|------|---------|
| mm. | 20 | 19.2 | 6.5 | 24.8 | 3.5 | 21.5 | 13.5 | 17 | M15x1.0 |
| in. | 0,79 | 0,76 | 0,26 | 0,98 | 0,14 | 0,85 | 0,53 | 0,67 | |

RECOMMENDED BY LEMO

Tools

Spanner 2: [DCH.91.201.PA](#)

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