

SUMMARY

Wires

| | |
|-------------|----|
| Low voltage | 30 |
|-------------|----|



Image is for illustrative purpose only

| | |
|------------------|-----------------------------------|
| Series | 4B |
| 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 | FGG.4B.330.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 | 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 | 72.75 g |

Performance

| | |
|---------------|---------------------------|
| Configuration | 4B.330 : 30 Low Voltage |
| Insulator | L: PEEK (UL 94 / V-0/1.5) |
| Rated Current | 5 Amps |

Specifications

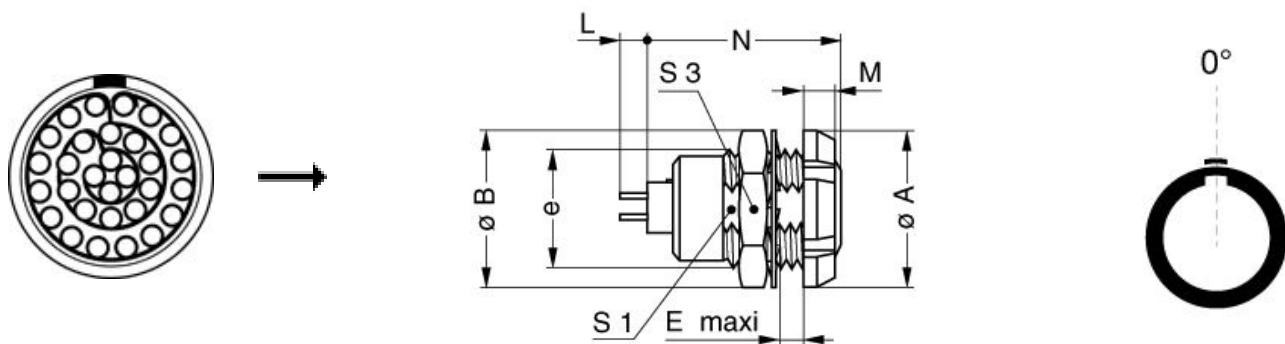
| | |
|--------------------------|-------------------------|
| Contact Type: | Print (straight) |
| Contact Dia.: | 0.9 mm (0.035in) |
| R (max): | 4.8 mOhm |
| Vtest (contact-shell): | 850 V (AC), 1200 V (DC) |
| Vtest (contact-contact): | 950 V (AC), 1340 V (DC) |

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. | 30 | 34 | 10 | 34.8 | 4.5 | 29.5 | 23.5 | 30 | M25x1.0 |
| in. | 1,18 | 1,34 | 0,39 | 1,37 | 0,18 | 1,16 | 0,93 | 1,18 | |

RECOMMENDED BY LEMO

Tools

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