

SUMMARY



Image is for illustrative purpose only

Wires

| | |
|---------|---|
| Low | 5 |
| High | 0 |
| Coax | 0 |
| Triax | 0 |
| Quad | 0 |
| Fiber | 0 |
| Fluidic | 0 |

| | |
|------------------|--------------------|
| Series | 0B |
| Termination type | Female print PCB |
| IP rating | 50 |
| Cable Ø | 0.00 - 0.00 mm |
| Matching parts | FGB.0B.305.CLAD31Z |
| Status | active |
| Alternative part | |

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TECHNICAL DETAILS

Mechanics

| | |
|-------------------|---|
| Shell Style/Model | EC*: Fixed receptacle with two nutss and straight contact for printed circuit (back panel mounting) |
| Keying | 2 keys (alpha=60, plug: male contacts, receptacle: female contacts) |
| Housing Material | Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces |
| Cable Fixing | ∅ 0 - 0 mm |
| Variant | |
| Weight | 5.12 g |

Performance

| | |
|---------------|--|
| Configuration | 0B.305 : 5 Low Voltage |
| Insulator | L: PEEK (UL 94 / V-0/3.2, depends on material thickness) |
| Rated Current | 6.5 Amps |

Specifications

Contact Type: Print (straight)
Max. Matings: 5000

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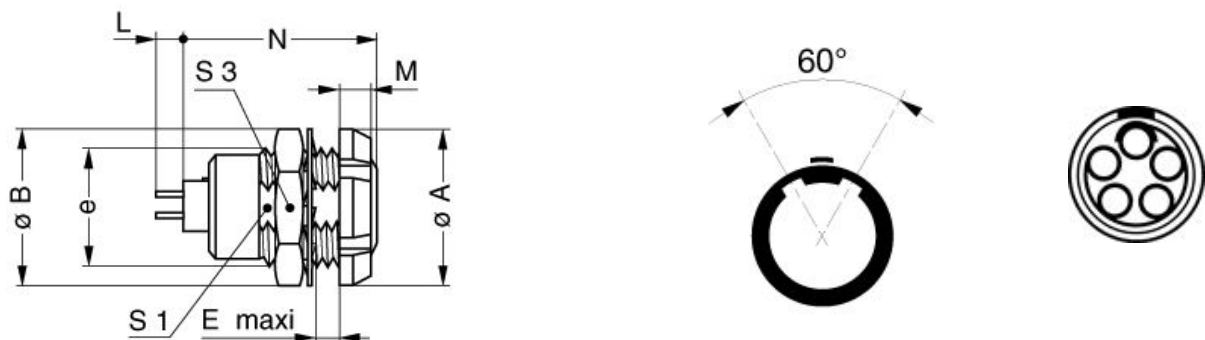
Contact Dia.: 0.7 mm (0.028in)
 R (max): 6.1 mOhm
 Vtest (contact-shell): 700 V (AC), 990 V (DC)
 Vtest (contact-contact): 1000 V (AC), 1400 V (DC)

Others

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]
 Salt Spray Corrosion: >1000 hr
 Climatical Category: 50/175/21
 Shielding (min): 75 dB (10 MHz)
 Shielding (min): 40 dB (1 GHz)
 IP Rating: 50

DRAWINGS

Draws



Dimensions

| | A | B | E | M | N | S1 | S3 | e |
|-----|------|------|------|------|------|------|------|--------|
| mm. | 12 | 12.5 | 5.5 | 2.5 | 16.4 | 8.2 | 11 | M9x0.6 |
| in. | 0,47 | 0,49 | 0,22 | 0,10 | 0,65 | 0,32 | 0,43 | |

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Tools

Spanner 2: DCH.91.121.PA

Cables

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