

## SUMMARY

### # 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 |                    |



*Image is for illustrative purpose only*

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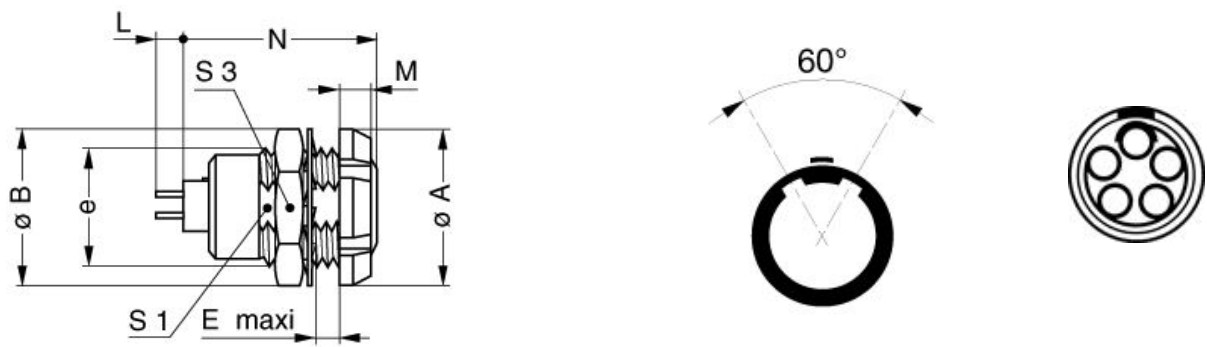
Contact Dia.: 0.7 mm (0.028in)  
R (max): 6.1 mOhm  
Vtest (contact-shell): 700 V (AC), 990 V (DC)  
Vtest (contact-contact): 1000 V (AC), 1400 V (DC)

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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