

## 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           |                    |
| Alternative part |                    |

### Download

- [Request a quote](#)
- [PCB Eagle Pattern](#)
- [PCB Altium Pattern](#)
- [Catalog](#)

## 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           |   |

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

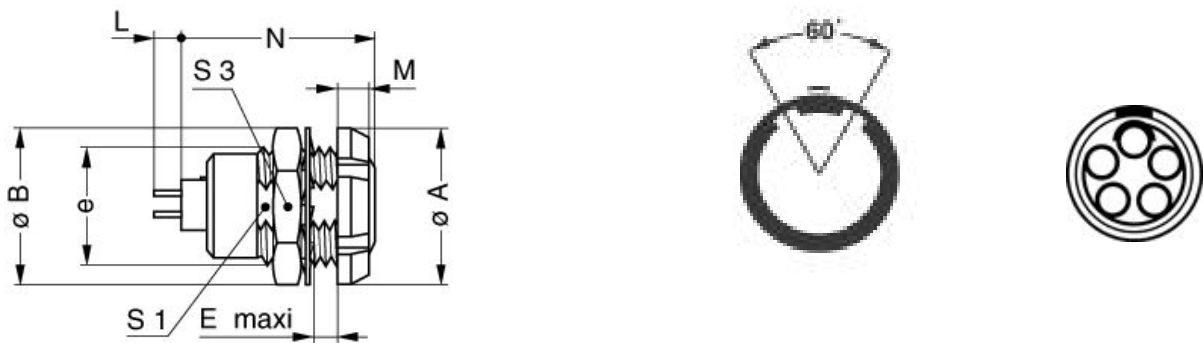
Vtest (contact-contact): 1000 V (AC), 1400 V (DC)

## 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 |        |

## RECOMMENDED BY LEMO

### Tools

Spanner 2: DCH.91.121.PA

### Cables

