

## SUMMARY



Image is for illustrative purpose only

### # Wires

Low voltage 5

Series 0B  
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 [FGA.0B.305.CLAD42](#)

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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 2 keys (alpha=30, 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 5.08 g

### Performance

Configuration 0B.305 : 5 Low Voltage  
Insulator L: PEEK (UL 94 / V-0/1.5)  
Rated Current 6.5 Amps

### Specifications

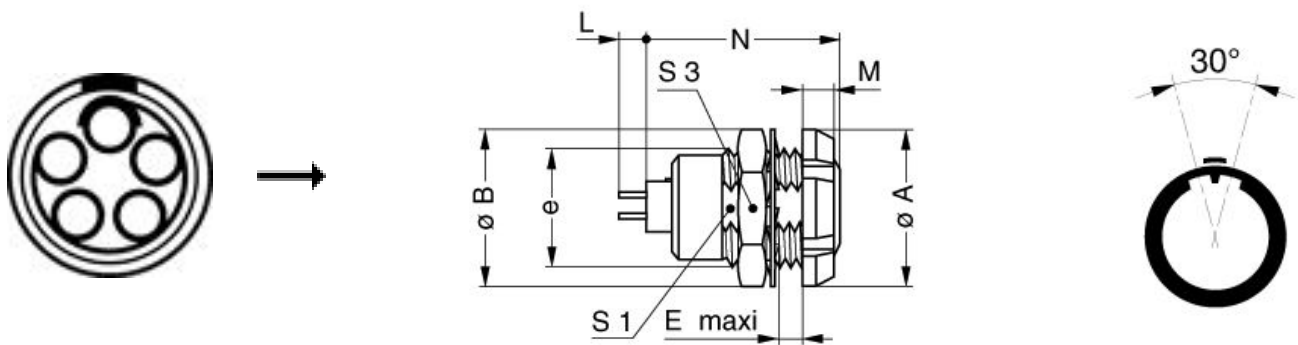
Contact Type: Print (straight)  
Contact Dia.: 0.7 mm (0.028in)  
R (max): 6.1 mOhm  
Vtest (contact-shell): 700 V (AC), 990 V (DC)  
Vtest (contact-contact): 1000 V (AC), 1400 V (DC)

### Others

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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    | Lmax  | M    | Nmax | S1   | S3   | e      |
|-----|------|------|------|-------|------|------|------|------|--------|
| mm. | 12   | 12.4 | 5.5  | 19.55 | 2.5  | 16.3 | 8.2  | 11   | M9x0.6 |
| in. | 0,47 | 0,49 | 0,22 | 0,77  | 0,10 | 0,64 | 0,32 | 0,43 |        |

## RECOMMENDED BY LEMO

### Tools

Spanner 2: [DCH.91.121.PA](#)

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