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# ECG.0B.307.CLV

## SUMMARY

### # Wires

| | |
|---|---|
| **Low voltage** | **7** |



*Image is for illustrative purpose only*

| | |
|---|---|
| **Series** | 0B |
| **Termination type** | Female print 90° PCB |
| **IP rating** | 50 |
| **AWG wire size** | 34.00 - 28.00 |
| **Cable Ø** | 0.00 - 0.00 mm |
| **Status** | active |
| **Matching parts** | FGG.0B.307.CLAD32 |

### Download

Request a quote
PCB Eagle Pattern
PCB Altium Pattern
PCB KiCad Pattern
Catalog

## TECHNICAL DETAILS

### Mechanics

| | |
|---|---|
| **Shell Style/Model** | EC*: Fixed receptacle with two nuts and elbow 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** | 6.03 g |

### Performance

| | |
|---|---|
| **Configuration** | 0B.307 : 7 Low Voltage |
| **Insulator** | L: PEEK (UL 94 / V-0/1.5) |
| **Rated Current** | |

### Specifications

Contact Type: Print (elbow)
Contact Dia.: 0.5 mm (0.02in)
R (max): 8.7 mOhm
Vtest (contact-shell): 700 V (AC), 990 V (DC)
Vtest (contact-contact): 800 V (AC), 1130 V (DC)

### Others

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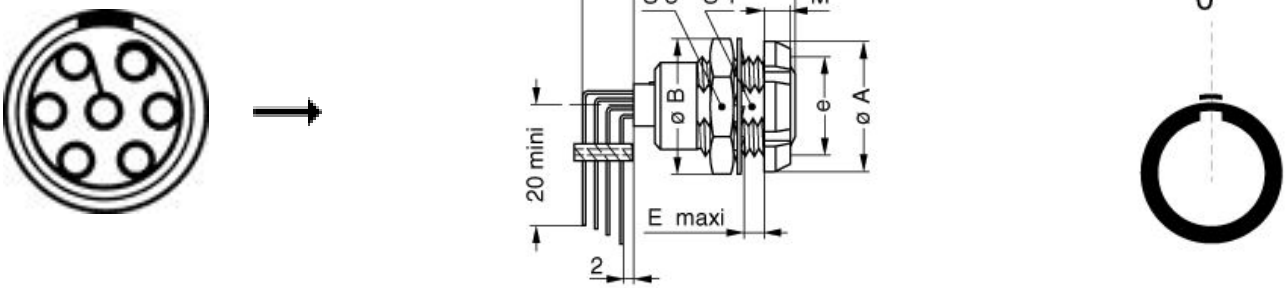
Endurance (Shell): 5000
Temp (min / max): -55°C / +250°C
Humidity (max): <=95% [at 60 deg C /140 F]
Vibration: 15 g [10 Hz - 2000 Hz]
Shock Resistance: 100 g [ 6 ms]
Climatical Category: 50/175/21
Shielding (min): 75 dB (10 MHz)
Shielding (min): 40 dB (1 GHz)
Salt Spray Corrosion: >1000 hr

# DRAWINGS




### Dimensions

| | A | B | E | M | Nmax | S1 | S3 | e |
|---|---|---|---|---|---|---|---|---|
| mm. | 12 | 12.4 | 5.5 | 2.5 | 18.3 | 8.2 | 11 | M9x0.6 |
| in. | 0,47 | 0,49 | 0,22 | 0,10 | 0,72 | 0,32 | 0,43 | |

# RECOMMENDED BY LEMO

### Tools

Spanner 2: DCH.91.121.PA

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