ECG.2B.312.CLN

SUMMARY

# Wires

- Low: 12
- High: 0
- Coax: 0
- Triax: 0
- Quad: 0
- Fiber: 0
- Fluidic: 0

Series: 2B
Termination type: Female print PCB
IP rating: 50
Cable Ø: 0.00 - 0.00 mm
Status: active
Alternative part: FGG.2B.312.CLAD82

TECHNICAL DETAILS

Mechanics

- Shell Style/Model: EC*: Fixed receptacle with two nuts and straight contact for printed circuit (back panel mounting)
- Keying: 1 key (alpha=0, plug: male contacts, receptacle: female contacts)
- Housing Material: Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces
- Variant: 
- Weight: 17.08 g

Performance

- Configuration: 2B.312 : 12 Low Voltage
- Insulator: L: PEEK (UL 94 / V-0/3.2, depends on material thickness)
- Rated Current: 7 Amps

Specifications

- Contact Type: Print (straight)
- Contact Dia.: 0.7 mm (0.028in)
- R (max): 6.1 mOhm

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Vtest (contact-shell): 1350 V (AC), 1910 V (DC)
Vtest (contact-contact): 1250 V (AC), 1770 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]
Climatical Category: 50/175/21
Shielding (min): 75 dB (10 MHz)
Shielding (min): 40 dB (1 GHz)
Salt Spray Corrosion: >1000 hr
IP Rating: 50

**DRAWINGS**

Draws

Dimensions

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<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>E</th>
<th>M</th>
<th>N</th>
<th>S1</th>
<th>S3</th>
<th>e</th>
</tr>
</thead>
<tbody>
<tr>
<td>mm.</td>
<td>20</td>
<td>20</td>
<td>6.5</td>
<td>3.5</td>
<td>21.7</td>
<td>13.5</td>
<td>17</td>
<td>M15x1.0</td>
</tr>
<tr>
<td>in.</td>
<td>0.79</td>
<td>0.79</td>
<td>0.26</td>
<td>0.14</td>
<td>0.85</td>
<td>0.53</td>
<td>0.67</td>
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**RECOMMENDED BY LEMO**

Tools

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Cables

Spanner: DCA.91.231.7TN
Spanner 2: DCH.91.201.PA

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