

Part  
Number

ECG.2B.312.CLN

Status Active

Size/Series 2B / B

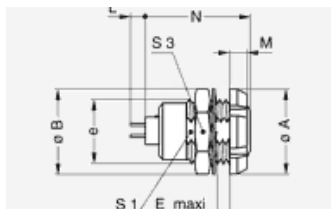
Matching FGG.2B.312.CLAD52

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#### MECHANICAL DETAILS

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

|     | A    | B    | E    | M    | N    | S1   | S3   | e       |
|-----|------|------|------|------|------|------|------|---------|
| mm. | 20   | 20   | 6.5  | 3.5  | 21.8 | 13.5 | 17   | M15x1.0 |
| in. | 0.79 | 0.79 | 0.26 | 0.14 | 0.86 | 0.53 | 0.67 |         |



#### PERFORMANCE DETAILS

|                                 |                          |
|---------------------------------|--------------------------|
| <b>Insert Configuration</b>     | 2B.312 : 12 Low Voltage  |
| <b>Insulator</b>                | L: PEEK                  |
| <b>Specifications</b>           |                          |
| <b>Contact Type:</b>            | Print (straight)         |
| <b>Max. Matings:</b>            | 5000                     |
| <b>Contact Dia.:</b>            | 0.7 mm (0.028in)         |
| <b>R (max):</b>                 | 6.1 mOhm                 |
| <b>Vtest (contact-shell):</b>   | 1350 V (AC), 1910 V (DC) |
| <b>Vtest (contact-contact):</b> | 1250 V (AC), 1770 V (DC) |
| <b>Rated Current:</b>           | 7 A (AC/DC)              |

#### OTHER CHARACTERISTICS

|                              |                            |
|------------------------------|----------------------------|
| <b>Endurance (Shell)</b>     |                            |
| <b>Humidity (max):</b>       | <=95% [at 60 deg C /140 F] |
| <b>Vibration:</b>            | 15 g [10 Hz - 2000 Hz]     |
| <b>Shock Resistance:</b>     | 100 g [ 6 ms]              |
| <b>Salt Spray Corrosion:</b> | >144 hr                    |
| <b>Climatical Category:</b>  | 50/175/21                  |
| <b>Shielding (min):</b>      | 75 dB (10 MHz)             |
| <b>Shielding (min):</b>      | 40 dB (1 GHz)              |
| <b>IP Rating</b>             | 50                         |
| <b>Catalog</b>               |                            |



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" "; "; "; "; Note: You can still get the CAD file even if no 3D preview is displayed below.  
The 3D viewer requires the Java Runtime Environment (JRE) and for Java to be enabled on your system.  
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