



Part Number

ECG.2B.316.CLL

Size/Series 2B / B

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MECHANICAL DETAILS

**Shell Style/Model** EC\*: Fixed receptacle with two nuts (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

**Cable Fixing** J : 0 - 0 mm

**Variant** :

|     | A    | B    | E    | L    | M    | N    | S1   | S3   | e       |
|-----|------|------|------|------|------|------|------|------|---------|
| mm. | 20   | 20   | 6.5  | 26.7 | 3.5  | 24.6 | 13.5 | 17   | M15x1.0 |
| in. | 0.79 | 0.79 | 0.26 | 1.05 | 0.14 | 0.97 | 0.53 | 0.67 |         |

PERFORMANCE DETAILS

**Insert Configuration** 2B.316 : 16 Low Voltage

**Insulator** L: PEEK

**Specifications**

**Contact Type:** Solder

**Max. Matings:** 5000

**Contact Dia.:** 0.7 mm (0.028in)

**Bucket Dia.:** 0.8 mm (0.031in)

**Max. Solid Conductor:** 0.34 mm^2 (AWG 22)

**Max. Stranded Conductor:** 0.34 mm^2 (AWG 22)

**R (max):** 6.1 mOhm

**Vtest (contact-shell):** 1250 V (AC), 1770 V (DC)

**Vtest (contact-contact):** 950 V (AC), 1340 V (DC)

**Rated Current:** 6 A (AC/DC)

OTHER CHARACTERISTICS

**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:** >144 hr

**Climatical Category:** 50/175/21

**Shielding (min):** 75 dB (10 MHz)

**Shielding (min):** 40 dB (1 GHz)

**IP Rating** 50

**Catalog**

