



# HHG.0B.309.CLLP

## MECHANICAL DETAILS

**Shell Style Model** HH\* : Fixed receptacle  
nut fixing  
watertight or vacuum-tight  
(watertight when mated)

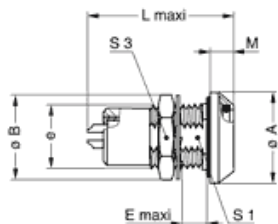
**Keying** 1 key (alpha=0, plug: male  
contacts, receptacle: female  
contacts)

**Housing Material** Brass (chrome plated) shell and  
collet nut, nickel plated brass  
latch sleeve and mid pieces

**Cable Fixing** 0 - 0 mm

**Variant 2** P : Watertight

|     | A    | B    | E    | L    | M    | S1   | e      |
|-----|------|------|------|------|------|------|--------|
| Mm. | 13   | 12,5 | 7    | 23,7 | 4,8  | 8,2  | M9x0,6 |
| In. | 0,51 | 0,49 | 0,28 | 0,93 | 0,19 | 0,32 |        |



## PERFORMANCE DETAIL

**Insert** 0B.309 : 9 Low Voltage

**Insulator** L: PEEK

**Specifications**

**Contact Type:** Solder

**Max. Matings:** 5000

**Contact Dia.:** 0.5 mm (0.02in)

**Bucket Dia.:** 0.45 mm (0.018in)

**Max. Solid** 0.09 mm<sup>2</sup> (AWG 28)

**Max. Stranded** 0.09 mm<sup>2</sup> (AWG 28)

**R (max):** 8.7 mOhm



## OTHER CHARACTERISTICS

**Endurance (Shell)** Endurance (Shell):

**Temp (min)** -20°C

**Temp (max)** +100°C

**Humidity (max):** <=95% [at 60 deg C /140 F]

**Vibration:** 15 g [10 Hz - 2000 Hz]

**Shock Resistance:** 100 g [ 6 ms]

**Salt Spray** >144 hr

**Climatical** 20/80/21

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

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

**Pressure** 60 bars

**IP Rating** 68

