

DUAL ROW CRIMP CONNECTOR HOUSING



1166 SERIES. 1.25 mm. (0.049") Pitch.

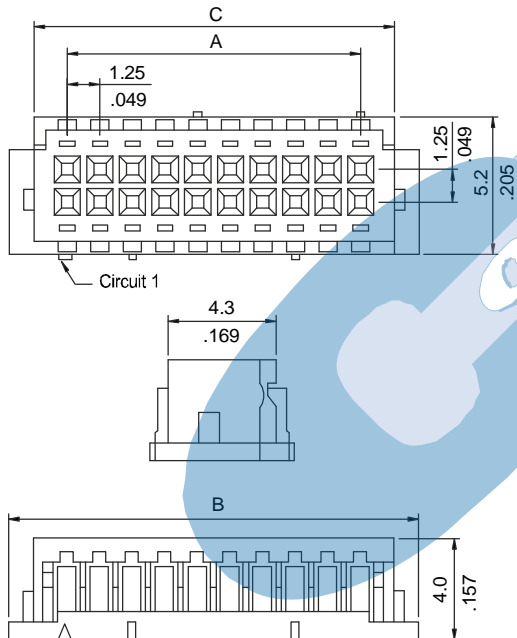
General Features

- Available in 10, 14, 20, 30 and 40 circuits
- Mates with 1.25 mm pitch header 1170 series
- Latch housing secure terminal in housing and provide extra terminal retention
- Use crimp terminal 1167

Materials

- Insulator: Nylon UL 94 V-0
- Operating temperature. -25°C to +85°C
- RoHS compliant

Dimensional Information

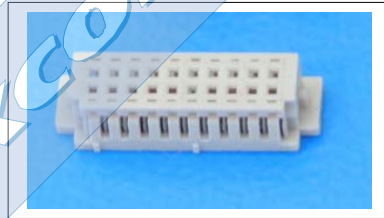


Electrical Features

- Voltage rating: < 100 V
- Current rating: < 1 A
- Contact resistance: < 20 mΩ
- Dielectric withstanding Voltage: 250 V AC/minute
- Insulation resistance: >100 MΩ

Mechanical Features

- Contact insertion force: < 0.30 Kg f
- Contact retention force to the housing: > 0.70 Kg f
- Durability: 25 cycles



1166 - 2- XX- 1
 1 2 3

1. Connector Serie

3. (XX) Number Of Contacts

- Available in 10, 14, 20, 30 and circuits

DIMENSIONS

$$A = 1.25 \left(\frac{XX}{2} - 1 \right) \quad B = 1.25 \left(\frac{XX}{2} \right) + 4.10 \quad C = 1.25 \left(\frac{XX}{2} \right) + 1.75$$

(XX) = Number of circuits