

# DUAL ROW CRIMP CONNECTOR HOUSING



## 1990 SERIES. 2.00 x 2.00 mm. (0.079" x 0.079") Pitch.

### General Features

- Available in 8 through 40 circuits
- Mates with 2.00 mm pitch 1991, 1992 headers and 0.50 mm. square pin headers
- Low profile latch housing. Positive locking
- Use crimp terminal 1993

### Materials

- Insulator: PA 6/6 UL 94 V-0
- Operating temperature. -25°C to +85°C
- RoHS compliant

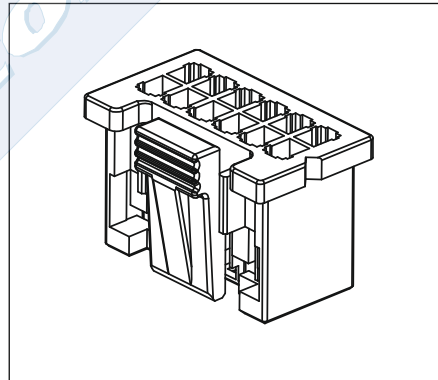
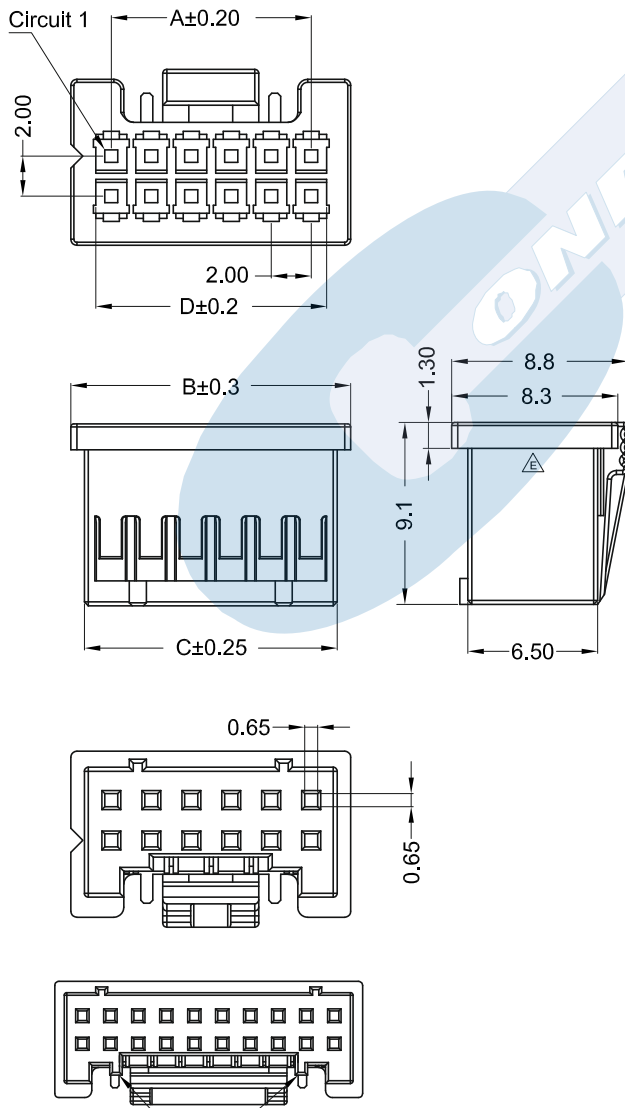
### Electrical Features

- Voltage Rating: < 250 V
- Current Rating: < 3 A
- Contact resistance: < 20 mΩ
- Dielectric withstanding Voltage: 800 V AC/minute
- Insulation resistance: >1000 MΩ

### Mechanical features

- Contact retention force to the housing: > 1.0 Kgf
- Insertion force to header: < 0.50 Kgf/pin
- Withdrawal force from male: < 0.10 Kgf/pin
- Durability: 25 cycles

### Dimensional Information



**1990 - 2- XX- 1**  
 1            2            3

1. Connector Serie

3. (XX) Number of circuits

- Available in 8 through 40 circuits

### DIMENSIONS

$$A = 2.00 \left( \frac{XX}{2} - 1 \right) \quad B = 2.00 \left( \frac{XX}{2} \right) + 2$$

$$C = 2.00 \left( \frac{XX}{2} \right) + 0.65 \quad D = 2.00 \left( \frac{XX}{2} \right) - 0.45$$

(XX) = Number of circuits

8P~14P Without Guide bulge  
 16P~40P With Guide bulge

Scale: 1/0.8