

DUAL ROW R/ ANGLE FEMALE SMD HEADER



2096 SERIES. 2.00 x 2.00 mm. (0.079 x 0.079") pitch.

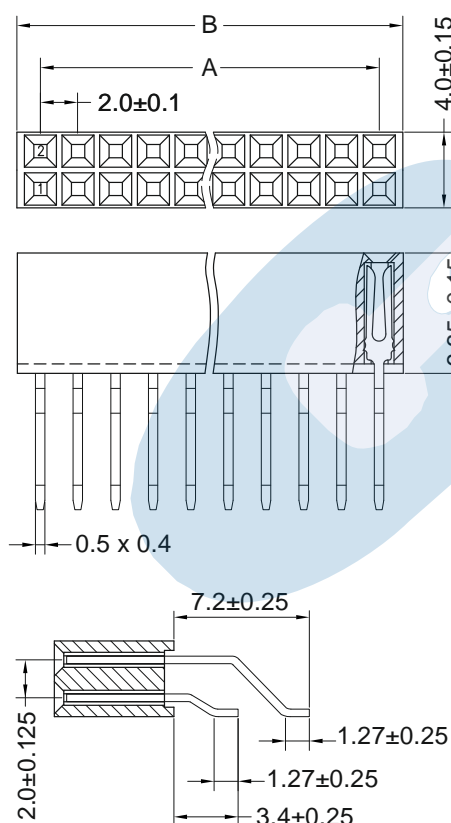
General Features

- Available in 4 through 80 circuits
- Mates with pin header 2.00 mm. pitch 2026, 2027, 2028, 2029, 2075, 2076, 2160, 2037 and 2177 series
- Accepts 0.50 mm. square pin
- U contact with different plating
- 4.00 mm height

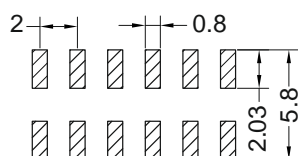
Materials

- Insulator: Polyester PA 6T UL 94 V-0
- Contact: Phosphor bronze
- Operating temperature: -40°C to +105°C
- RoHS compliant

Dimension Information



RECOMMENDED PCB LAYOUT (Tolerance: ±0.05)



Electrical Features

- Voltage rating: < 125V
- Current rating: < 1.5 A
- Contact resistance: < 20 mΩ
- Dielectric withstanding voltage: 500 V AC/minute
- Insulation resistance: >1000 MΩ

Mechanical Features

- Insertion force receptacle/plug: < 0,30 Kgf/pin
- Unmating force receptacle/plug: > 0,02 Kgf/pin
- Contact retention force to housing: > 0,300Kgf/pin
- Durability: 50 cycles



Ordering Information:

2096 - T- XX- 1- E
1 2 3 4

1. Connector Series

2. (T) Contact Plating

- T = 2. Tin plated
- T = 3. Gold flash over nickel
Recommended Finish
- T = 5. 15µ" gold over nickel
- T = 6. 30µ" gold over nickel

3. (XX) Number of circuits

- Available in 4 through 80 circuits
XX = Number of circuits

4. (E) Packing Options

- E = 1. Tube + Cap
- E = 2. Reel + Cap

DIMENSIONS

$$A = 2.00 \left(\frac{XX}{2} - 1 \right) \quad B = 2.00 \left(\frac{XX}{2} \right) + 0.50$$

(XX) = Number of circuits