DUAL ROW VERT. PIN HEADER 4.00mm BASE

ONEXCON

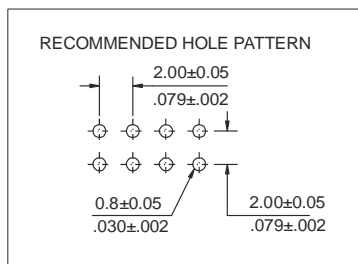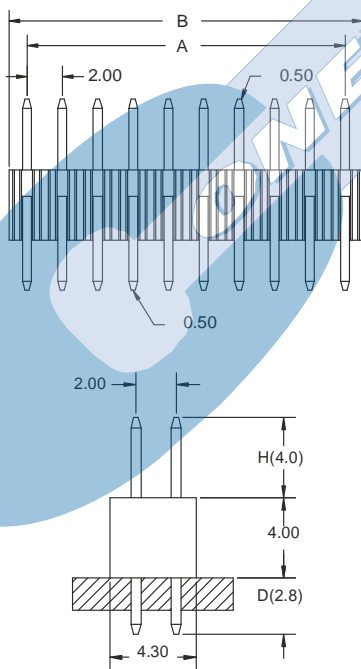## 2075 SERIES. 2.00 x 2.00 mm (0.079 x 0.079") pitch.

General Features

- Available in 4 through 80 circuits
- Mates with sockets 2.00 mm pitch 2042, 2048, 2049, 2105, 2184, 2194, 2191, 2280, 2172, 2173, 2094, 2095, 2197, 2265 and 2022 series
- 0.50 mm. square pin with different plating
- Available with different pin length. Contact sales office

Materials

- Insulator: Polyester Nylon 6T UL 94 V-0
- Contact: brass
- Operating temperature: -40°C to +105°C
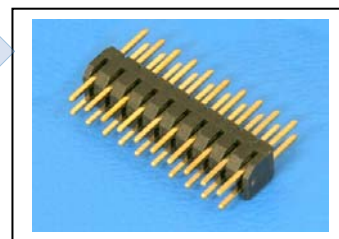- RoHS Compliant

Dimension Information

Electrical Features

- Voltage rating: < 125V
- Current rating: < 2 A
- Contact resistance: < 20 mΩ
- Dielectric withstanding voltage: 500 V AC/minute
- Insulation resistance: >1000 MΩ
- Capacitance: < 2pF at 1 KHz.

Mechanical Features

- Pin retention force to insulator: > 0.30 Kgf
- Durability: 50 cycles

Ordering Information:

2075-	T-	XX-	C
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
- T = **13.** Sel. gold flash over nickel overall
- T = **15.** 15µ" sel. gold over nickel overall
- T = **16.** 30µ" sel. gold over nickel overall

3. (XX) Number of circuits

- Available in 4 through 80 circuits

4. (C) Pin dimensions

- C = **1.** Dim. **H** = 4.00 mm.; Dim. **D** = 2.80 mm.

RECOMMENDED HOLE PATTERN

2.00±0.05
.079±.002

0.8±0.05
.030±.002

2.00±0.05
.079±.002

DIMENSIONS

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

(XX) = Number of circuits