# **DUAL ROW VERTICAL PIN HEADER**



## **8393 SERIES.** 2.54 x 2.54 mm. (0.100 x 0.100") pitch. Machined contact.

#### **General Features**

- Available in 4 through 80 circuits
- 0.64 round pin in contact area
- Different plating options

#### Materials

- Insulator: PPS black + 30% GF UL 94 V-0
- Contact: Brass
- Operating temperature. -40°C to +105°C
- RoHS compliant

#### **Dimension Information**

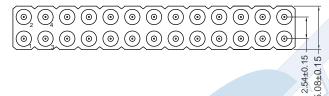
#### **Electrical Features**

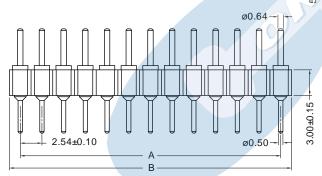
- Voltage rating: < 250V</li>
- Current rating: < 3 A
- Contact resistance: < 10 mΩ</li>
- Dielectric withstanding Voltage: 1000 V AC/minute
- Insulation resistance: >1000 MΩ

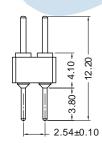
#### **Mechanical Features**

- Pin retention force to insulator: > 0.80 Kgf
- Durability: 500 Cycles









# RECOMMENDED HOLE PATTERN (Tolerance ±0.05)



### Ordering Information:

- 1. Connector Series
- 2. (T) Contact Plating
- T = 3. gold flash over 30-50µ" Ni overall

#### Recommended Finish

- T = **15.** 15 $\mu$ " selec. gold over 30-50 $\mu$ " Ni overall
- T = **16.** 30μ" selec. gold over 30-50μ" Ni overall
- 3. (XX) Number of circuits
- Available in 4 through 80 circuits

## DIMENSIONS:

$$A = 2.54 \left( \frac{XX}{2} - 1 \right) \qquad \qquad B = 2.54 \left( \frac{XX}{2} \right) + 0.40$$

**XX** = Number of circuits