# **DUAL ROW TOP ENTRY BOX HEADER**



# 4436 SERIES. 2.00 x 2.00 mm. (0.079 x 0.079") pitch.

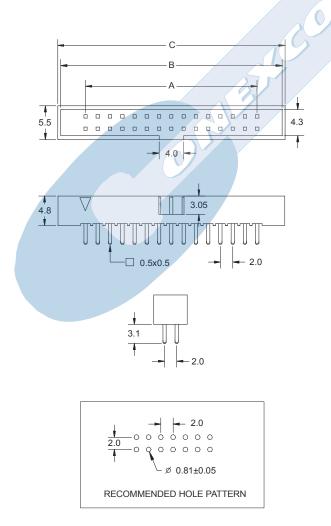
## **General Features**

- Available in 6, 8, 10, 12, 14, 16, 20, 22, 24, 26, 30, 34, 40, 44, and 50 circuits
- Mates with 2.00 mm. IDC connectors 2051 series
- Gold plated 0.50 mm square pin
- Fully shrouded with polarized slot.
- Low profile: 4.80 mm. high

### Materials

- Insulator: LCP, glass reinforced, rated UL 94V-0
- Terminal: gold plated brass
- Operating temperature. -25°C to +85°C
- RoHS compliant

#### **Dimension Information**

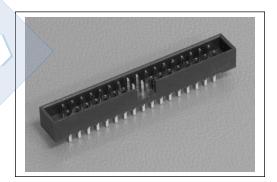


### **Electrical Features**

- Voltage rating: < 250V
- Current rating: < 1 A
- Contact resistance: < 30 mΩ</li>
- Dielectric withstanding Voltage: 500 V AC/minute
- Insulation resistance: >1000 MΩ

#### **Mechanical Features**

• Durability: 50 Cycles



Ordering Information:			
<u>4436</u> -	<u>T</u> -	<u>XX</u> -	<u>0</u>
1	2	3	4
1. Connector Series			
2. (T) Contact Plating			
• T = <b>2.</b> Tin plated			
• T = 3. Gold flash over nickel			
Recommended Finish			
• $T = 5.15\mu$ " gold over nickel			
• $T = 6.30\mu$ " gold over nickel			
3. (XX) Number of circuits			
• Available in 6 through 50 circuits			

Dimensions: (In mm.)

$$A = 2.00 \left(\frac{XX}{2} - 1\right) \qquad B = 2.00 \left(\frac{XX}{2}\right) + 4.60 \qquad C = 2.00 \left(\frac{XX}{2}\right) + 6.00$$

(XX) = Number of circuits