# SINGLE ROW VERTICAL SMT PIN HEADER



# 2150 SERIES. 2.00 mm (0.079") pitch.

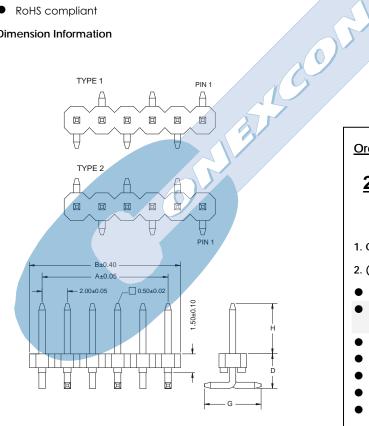
### **General Features**

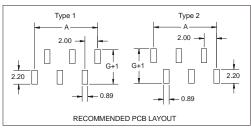
- Available in 2 through 40 circuits
- Mates with sockets 2.00 mm.pitch 2041, 2047, 2054, 2166 2149 and 2018 series
- 0.50 mm. square pin with different plating
- Available with different pin length.
- Contact Sales Office

#### Materials

- Insulator: Polyester nylon 6T UL 94 V-0
- Contact: brass •
- Operating temperature: -40°C to +105°C
- **RoHS** compliant

#### **Dimension Information**





Dimensions: (In mm.)

 $A = 2.00 \times (XX^{*}-1)$  $B = 2.00 \times (XX^*)$ 

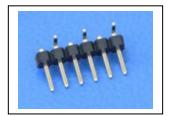
\* XX (Number of circuits)

#### **Electrical Features**

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

## **Mechanical Features**

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



Ordering Information:					
<u>2150</u> -	<u>T</u> -	<u>XX</u> -	<u>S</u>	<u>C</u>	<u>E</u>
1	2		4	5	6
1. Connector Series					
2. (T) Contact Plating					
<ul> <li>T = 2. Tin plated</li> <li>T = 3. Gold flash over nickel Recommended Finish</li> <li>T = 5. 15µ" gold over nickel</li> <li>T = 6. 30µ" gold over nickel</li> <li>T = 13. Sel. gold flash over nickel overall</li> <li>T = 15. 15µ" sel. gold over nickel overall</li> <li>T = 16. 30µ" sel. gold over nickel overall</li> <li>3. (XX) Number of circuits</li> <li>Available in 2 through 40 circuits</li> <li>4. (S) Contacts Configuration</li> </ul>					
• S = 1. Type 1					
• S = 2. Type 2					
5. (C) Pin Dimensions					
<ul> <li>C = 1. H = 4.00; D = 2.77; G = 4.50 mm.</li> <li>C = 2. H = 4.00; D = 2.85; G = 3.35 mm.</li> <li>C = 7. H = 9.00; D = 2.77; G = 4.50 mm.</li> </ul>					
6. (E) Packing Options					
<ul> <li>E = 1. Tube + Pad</li> <li>E = 2. Reel + Pad</li> </ul>					