# **DUAL ROW D/ BODY VERTICAL PIN HEADER**



## **1281 SERIES.** 1.27 x 2.54 mm (0.050" x 0.100") pitch.

#### **General Features**

- Available in 4 through 80 circuits
- Mates with sockets dual row 1.27 x 2.54 mm pitch 1285, 1286 and 1287 series
- 0,46 mm. square pin with different plating
- Available different pin length
- Contact Sales Office

#### Materials

- Insulator: Polyester LCP UL 94 V-0
- Contact: Brass
- Operating temperature: -40°C to +105°C
- **RoHS** Compliant

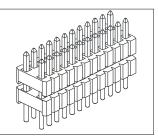
#### **Dimension Information**

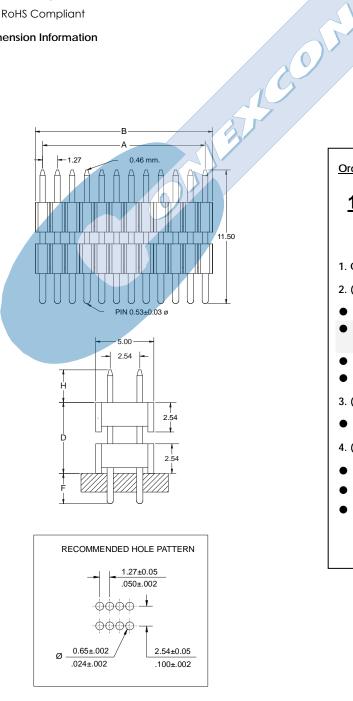
#### **Electrical Features**

- Voltage rating: < 100V</li>
- Current rating: < 1 A
- Contact resistance: < 20 mΩ</li>
- Dielectric Withstanding Voltage: 300 V AC/minute
- Insulation Resistance: >1000 MΩ
- Capacitance: < 2 pF at 1 KHz

### Mechanical features

- Pin retention force to insulator: > 0,15 Kgf
- Durability: 50 cycles





Ordering Information:
<u><b>1281</b></u> - <u>T</u> - <u>XX</u> - <u>C</u> 1 2 3 4
1. Connector Series
2. (T) Contact Plating
<ul> <li>T = 2. Tin plated</li> <li>T = 3. Gold flash over nickel Recommended Finish</li> </ul>
<ul> <li>T = 5. 15µ" gold over nickel</li> <li>T = 6. 30µ" gold over nickel</li> </ul>
3. (XX) Number of circuits
<ul> <li>Available in 04 through 80 circuits</li> </ul>
4. (C) Pin Lengh
• <b>C</b> = 1. <b>H</b> = 2.80mm ; <b>D</b> = 6.10mm ; <b>F</b> = 2.60mm
• C = 2. H = 6.00mm ; D = 6.10mm ; F = 2.60mm
• C = 3. H = 2.70mm ; D = 15.40mm ; F = 2.60mm Other length consult the Sales Office

#### **DIMENSIONS:**

$$A = 1.27 \left(\frac{XX}{2} - 1\right) \qquad B = 1.27 \left(\frac{XX}{2}\right)$$

XX = Number of circuits