# SINGLE ROW SIDE ENTRY PIN HEADER



## 5083 SERIES. 5.08 mm (0.200") pitch.

#### **General Features**

- Available in 2 through 12 circuits
- Mates with PCB sockets 1507, 1508, and wire housing 5080, 5081 series
- 1.14 mm. square pin
- Polarized with friction lock

#### Materials

- Insulator: Nylon 66 UL 94 V-2
- Contact: brass
- Operating temperature: -40°C to +105°C

5.08

RECOMMENDED HOLE PATTERN

- ø1.85

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RoHS compliant

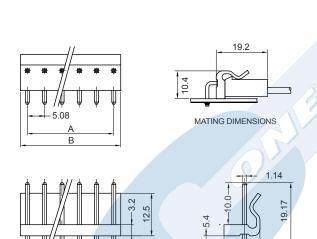
#### **Dimensional Information**

#### **Electrical Features**

- Voltage rating: < 250V
- Current rating: < 5 A
- Contact resistance: < 20 mΩ
- Dielectric withstanding voltage: 1500 V AC/minute
- Insulation resistance: >1000 MΩ

#### **Mechanical Features**

- Pin retention force to insulator: > 2.00 Kgf
- Durability: 25 cycles



-3.6 10.28

Ordering Information:			
<u>5083</u> -	<u>T</u> -	<u>XX</u> -	<u>1</u>
1	2	3	
1. Connector Series			
2. (T) Contact Plating			
<ul> <li>T = 2. Tin plated</li> <li>Recommended Finish</li> </ul>			
3. (XX) Number of circuits			

• Available in 2 through 12 circuits

### Dimensions: (In mm.)

 $A = 5.08 \times (XX^{*}-1)$  $B = 5.08 \times (XX^{*})$ 

\* XX (Number of circuits)

