

# SINGLE ROW SMT RIGHT ANGLE PIN HEADER



## 2589 SERIES. 2.54 mm (0.100") pitch.

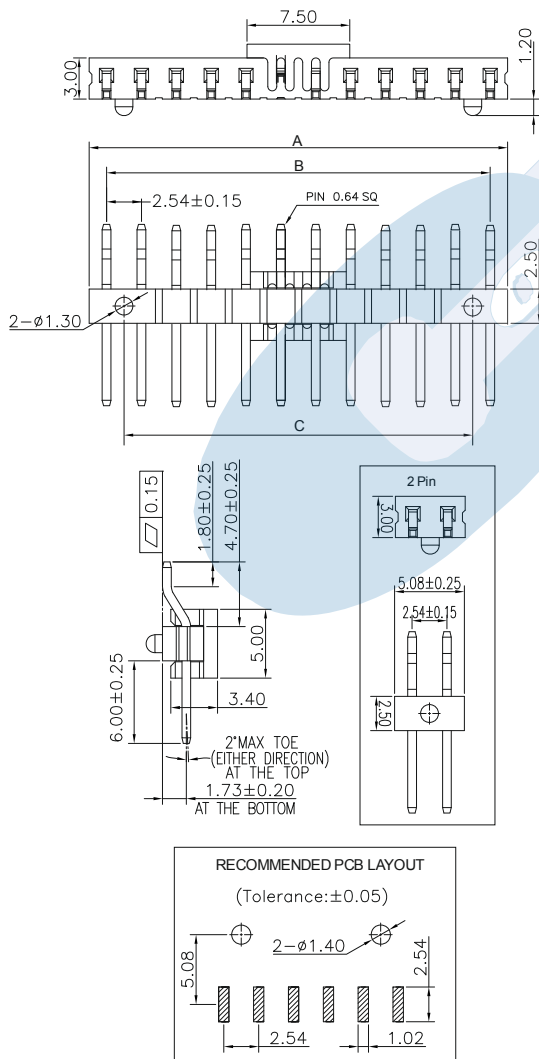
### General Features

- Available in 2 through 40 circuits
- Mates with sockets 2.54 mm pitch 2101, 2550, 2595, 2596, 2553, 2554, 2247, 2551, 2552, 2577, 2102, 2106, 2452 series
- 0,64 mm. square pin with different plating
- Different pin length
- Consult Sales Office

### Materials

- Insulator: High temperature thermoplastic UL 94 V-0
- Contact: brass
- Operating temperature: -40°C to +105°C
- RoHS compliant

### Dimensions



Dimensions: (In mm.)

A = 2.54 x (XX\*-1)

B = 2.54 x (XX\*)

C = 2.54 x (XX\*-2)

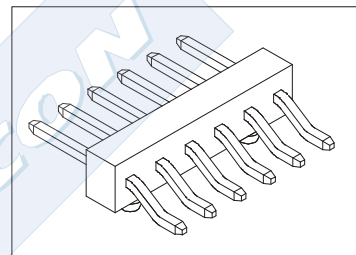
\* XX (Number of circuits)

### Electrical Features

- Voltage rating: < 250V
- Current rating: < 3 A
- Contact resistance: < 20 mΩ
- Dielectric withstanding voltage: 600 V AC/minute
- Insulation resistance: >1000 MΩ
- Capacitance: < 2 pF at 1 KHz

### Mechanical Features

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



### Ordering Information:

**2589** - **T**- **XX**- **P**- **C**- **E**  
 1            2            3            4            5            6

#### 1. Connector Series

#### 2. (T) Contact Plating

- T = 2. Tin plated
- T = 3. Gold flash over nickel  
Recommended Finish
- T = 5. 15μ" gold over nickel
- T = 6. 30μ" gold over nickel

#### 3. (XX) Number of circuits

- Available in 2 through 40 circuits

#### 4. (P) Fixing Post

- P = 1. Without fixing post
- P = 2. With fixing post

#### 5. (C) Pin Dimensions

- C = 1. H = 6.00 mm.
- C = 2. H = 10.00 mm.
- C = 3. H = 4.00 mm.
- C = 4. H = 9.10 mm.
- C = 5. H = 8.00 mm.

#### 6. (E) Packing Options

- E = 1. Tube + Pad
- E = 2. Reel + Pad