DUAL ROW RIGHT ANGLE SMT SOCKET

1314 SERIES. 1.27 x 1.27 mm (0.050 x 0.050") pitch.

General Features

- Available in 4 through 80 circuits
- Mates with pin headers 1.27 mm pitch 1360, 1362, 1365, 1366, 1368, 1369 and 1375 series
- Suggested Mating Pin length: 2.0 to 5.0 mm.
- Accept 0,40 mm. square pin
- Dual beam contact with different plating

Electrical Features

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

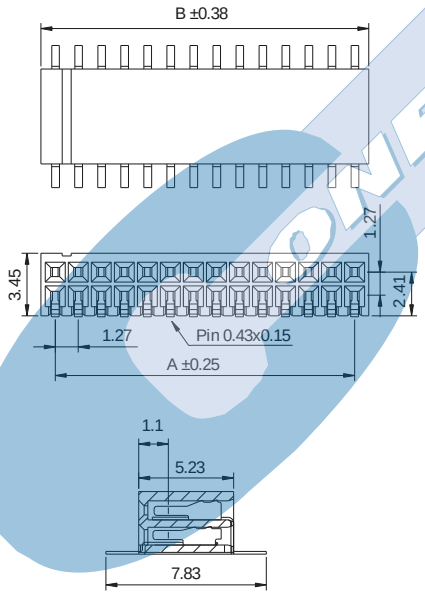
Materials

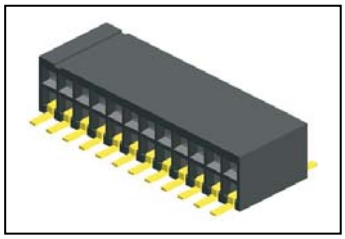
- Insulator: Polyester LCP UL 94 V-0
- Contact: Phosphor bronze
- Operating temperature: -40°C to +105°C
- RoHS compliant

Mechanical Features

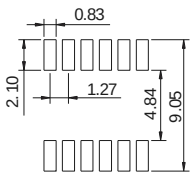
- Insertion force receptacle/plug: < 0,20 Kgf/pin
- Unmating force receptacle/plug: > 0,015 Kgf/pin
- Contact retention force to housing: > 0,15 Kgf/pin
- Durability: 50 cycles

Dimension Information





RECOMMENDED PCB LAYOUT



Ordering Information:

1314 -	T-	XX-	1	E
1	2	3		4

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 04 through 80 circuits

4. (E) Connector Packaging

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

DIMENSIONS:

$$A = 1.27\left(\frac{XX}{2} - 1\right) \qquad B = 1.27\left(\frac{XX}{2}\right) + 0.35$$

XX = Number of circuits