

DUAL ROW TOP ENTRY SMD PIN HEADER



1307 SERIES. 1.27 x 1.27 mm (0.050" x 0.050") pitch.

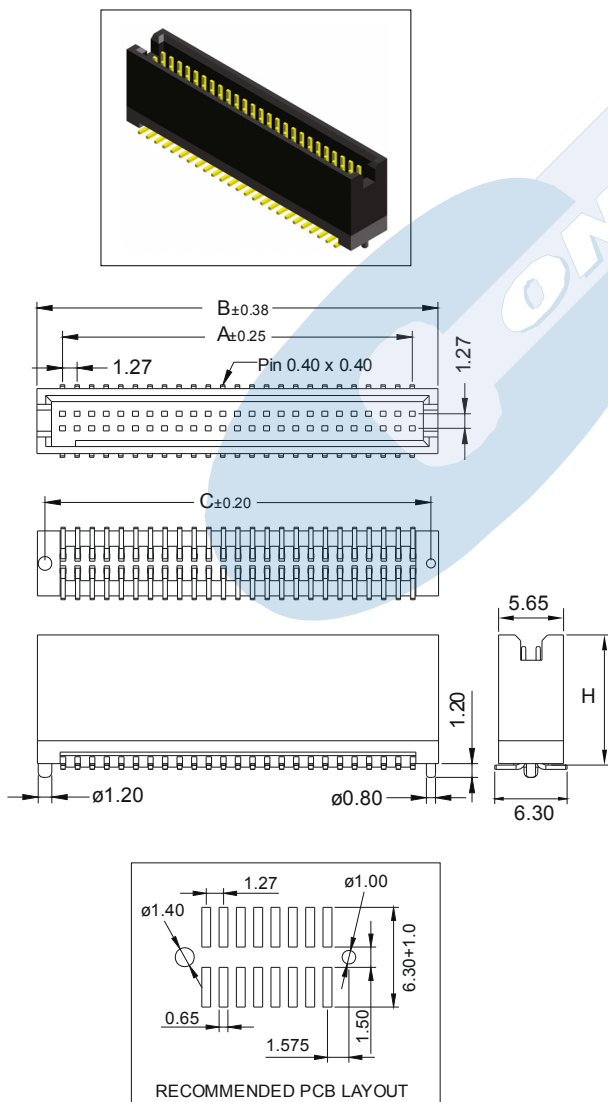
General Features

- Available in 10 through 80 circuits
- Mates with pin headers 1.27 mm pitch 1301 & 1302 series
- 0.40 square pin with different plating in contact area
- Fully shrouded with polarized slot
- Available different heights
- Plastic pegs for alignment of connector pins

Materials

- Insulator: Polyester LCP UL 94 V-0
- Contact: Brass
- Operating temperature: -25°C to +105°C
- RoHS Compliant

Dimension Information



DIMENSIONS:

$$A = 1.27 \left(\frac{XX}{2} - 1 \right) \quad B = 1.27 \left(\frac{XX}{2} \right) + 3.20 \quad C = 1.27 \left(\frac{XX}{2} \right) + 1.88$$

XX = Number of circuits

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

Mechanical Features

- Pin retention force to insulator: > 0,15 Kgf/pin
- Durability: 25 cycles

Ordering Information:

1307 - T- XX- P L 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 10 through 80 circuits

4. (P) Fixing Post

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

5. (L) Pin Dimensions

- L = 1. H = 11.20 mm.
- L = 2. H = 09.00 mm.
- L = 3. H = 10.70 mm.
- L = 4. H = 15.60 mm.
- L = 5. H = 15.20 mm.
- L = 6. H = 14.10 mm.
- L = 7. H = 09.40 mm.
- L = 8. H = 12.20 mm.
- L = 9. H = 09.60 mm.
- L = A. H = 10.30 mm.
- L = B. H = 11.50 mm.
- L = C. H = 11.00 mm.
- L = D. H = 14.20 mm.
- L = E. H = 18.90 mm.
- L = F. H = 10.40 mm.
- L = G. H = 10.20 mm.
- L = H. H = 17.30 mm.
- L = I. H = 13.50 mm.
- L = J. H = 17.60 mm.
- L = K. H = 18.60 mm.

6. (E) Packing Options

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