

DUAL ROW VERTICAL SMT SOCKET HEADER



0834 SERIES. 0.80 x 1.20 mm.(0.032 x 0.047") Pitch.

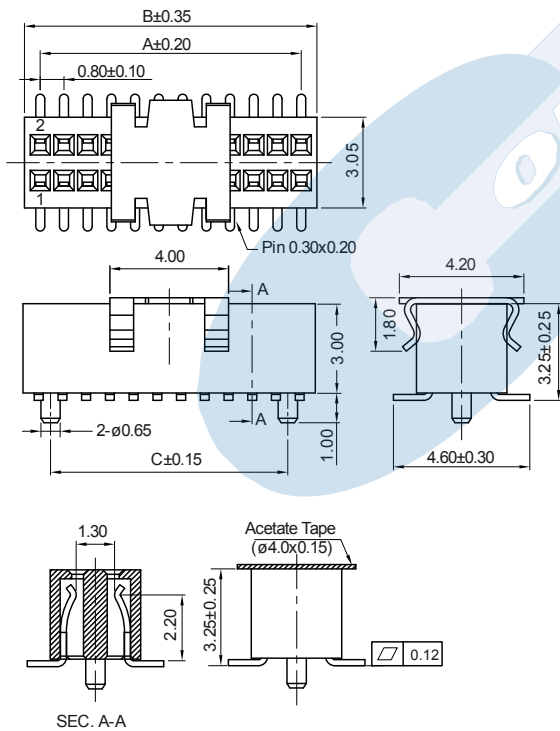
General Features

- Available in 6 through 100 circuits
- Mates with pin headers 0.80 x 1.20 mm. pitch 0835 series
- Low profile 3.25 mm. height
- Side contact with different plating
- Optional plastic pegs for alignment of connector pins

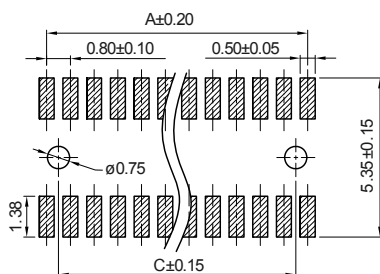
Materials

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

Dimensional Information



RECOMMENDED PCB LAYOUT



Electrical Features

- Voltage rating: < 50 V
- Current rating: < 0,5 A
- Contact resistance: < 20 mΩ
- Dielectric withstanding voltage: 200 V AC/minute
- Insulation Resistance: >500 MΩ
- Capacitance: < 2pF at 1KHz

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

Ordering Information:

0834 - T- XX- P E
 1 2 3 4 5

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 4 through 80 circuits

4. (P) Fixing Post

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

5. (E) Packing Options

- E = 3. Tube + Film
- E = 4. Reel + Film
- E = 5. Tube + Metallic Pad
- E = 6. Reel + Metallic Pad

DIMENSIONS

$$A = 0.8 \left(\frac{XX}{2} - 1 \right) \quad B = 0.8 \left(\frac{XX}{2} \right) + 0.26 \quad C = 0.8 \left(\frac{XX}{2} - 2 \right)$$

(XX) = Number of circuits