D/ ROW VERTICAL SMT SOCKET LOW PROF.



2184 SERIES. 2.00 x 2.00 mm. (0.079 x 0.079") pitch.

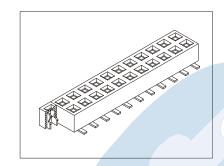
General Features

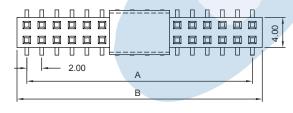
- Available in 4 through 80 circuits
- Mates with pin header 2.00 mm. pitch 2026, 2027, 2028, 2029, 2075, 2076, 2160, 2037 and 2177 series
- Accepts 0.50 mm. square pin
- Dual Beam contact with different plating
- Optional fixing post
- Top / botton entry. Low profile 4.30 mm. high

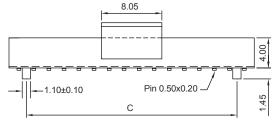
Materials

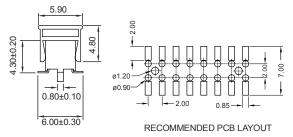
- Insulator: Polyester nylon 6T UL 94 V-0
- Contact: phosphor bronze
- Operating temperature: -40°C to +105°C
- RoHS compliant

Dimension Information









Electrical Features

- Voltage rating: < 125V
- Current rating: < 2 A
- Contact resistance: < 20 mΩ
- Dielectric withstanding voltage: 500 V AC/minute
- Insulation resistance: >1000 MΩ
- Capacitance: < 2pF at 1 KHz.

Mechanical Features

- Insertion force receptacle/plug: < 0,30 Kgf/pin
- Unmating force receptacle/plug: > 0,02 Kgf/pin
- Contact retention force to housing: > 0,300Kgf/pin
- Durability: 50 cycles

Ordering Information:

2184- T- XX- P E1 2 3 4 5

1. Connector Series

2. (T) Contact Plating

- T = 2. Tin plated
- T = 3. Gold flash over ickel

Recommended Finish

- $T = 5.15\mu$ " gold over nickel
- T = 6.30µ" gold over nickel
- T = 13. Sel. gold flash over nickel overall
- T = 15. 15µ" sel. gold over overall
- T = 16.30µ" sel. gold over nickel overall

3. (XX) Number of circuits

• Available in 4 through 80 circuits

4. (P) Fixing Options

- P = 1. Without fixing post
- \bullet 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

DIMMENSIONS: (In mm.)

 $A = 2.00 \left(\frac{XX}{2} - 1 \right) \qquad \qquad B = 2.00 \left(\frac{XX}{2} \right) + 0.60 \qquad C = 2.00 \left(\frac{XX}{2} - 2 \right)$

XX = Number of circuits

A-XX FULL LINE CATALOGUE