

SINGLE ROW SMT VERTICAL SOCKET



8366 SERIES. 1.27 mm. (0.050") pitch. Machined contact.

General Features

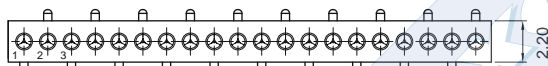
- Available in 2 through 40 circuits
- Mates with Pin headers 1.27mm. pitch 8350, 8353 and 8356 series
- Accept round pin 0.38 to 0.50 mm.
- Low profile 5.15 mm. high

Materials

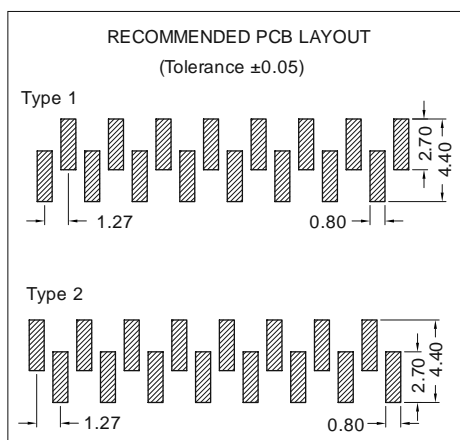
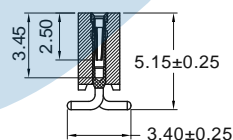
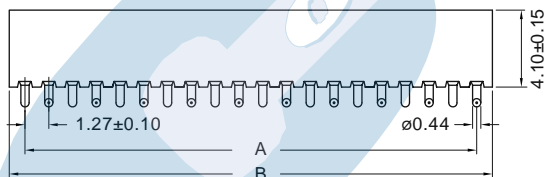
- Insulator: PPS black + 30% GF UL 94 V-0
- Contact: Clip (3 fingers) in Beryllium copper
- Sleeve: Brass
- Operating temperature: -40°C to +105°C
- RoHS compliant

Dimension Information

Type 1



Type 2

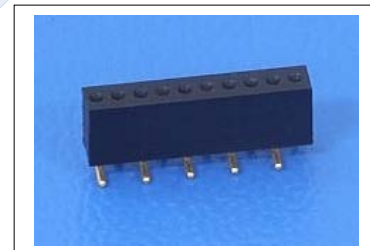


Electrical Features

- Voltage rating: < 100V
- Current rating: < 1 A
- Contact resistance: < 10 mΩ
- Dielectric withstanding Voltage: 1000 V AC/minute
- Insulation resistance: >1000 MΩ

Mechanical Features

- Insertion force per pin: < 0.25 Kgf (round pin 0.41 mm)
- Withdrawal force per pin: > 0.03 Kgf (round pin 0.41 mm)
- Durability: 500 Cycles



Ordering Information:

8366 - T- XX- C E

1 2 3 4 5

1. Connector Series

2. (T) Contact Plating

- T = 13. Selec. gold flash over 30-50μ" Ni overall
Recommended Finish
- T = 15. 15μ" selec. gold over 30-50μ" Ni overall
- T = 16. 30μ" selec. gold over 30-50μ" Ni overall

3. (XX) Number of circuits

- Available in 2 through 40 circuits

4. C = Contacts Configuration

- C = 1. Type 1
- C = 2. Type 2

5. E = Packing Options

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

Dimensions: (In mm.)

A = 1.27 x (XX*-1)

B = 1.27 x (XX*+0.41

* XX (Number of circuits)