SINGLE ROW SMT VERTICAL PIN HEADER



3920 SERIES. 3.96 mm (0.156") pitch.

General Features

- Available in 2 through 24 circuits
- Mates with PCB sockets 3.96mm pitch 3970, 3971, 3972, 3915, 3916 series and wire housing 3940, 3930, 2631 and 3950 series
- 1.14 mm. square pin
- With standoff to minimise flux retention

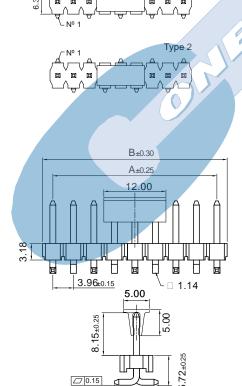
Materials

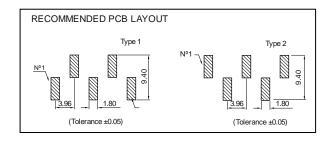
• Insulator: High temperature thermoplastic UL 94 V-0

Type 1

- Contact: brass
- Operating temperature: -40°C to +105°C
- RoHS compliant

Dimensional Information





8.40±0.30

Electrical Features

- Voltage rating: < 250V
- Current rating: < 5 A
- Contact resistance: < 20 mΩ
- Dielectric withstanding voltage: 1000 V AC/minute
- Insulation resistance: >1000 MΩ
- Capacitance: 2 pF at 1 KHz

Mechanical Features

- Pin retention force to insulator: > 1.00 Kgf
- Durability: 25 cycles



Ordering Information:

<u> 3920</u> -	<u>T</u> -	<u>XX</u> -	<u>S</u>	<u>E</u>
1	2	3	1	

- 1. Connector Series
- 2. (T) Contact Plating
- T = 2. Tin platedRecommended Finish
- 3. (XX) Number of circuits
- Available in 2 through 24 circuits
- 4. (S) Contacts Configuration
- S = **1**. Type 1
- S = 2. Type 2
- 6. (E) Packing Options
- E = 1. Tube + Pad
- E = 2. Reel + Pad

Dimensions: (In mm.)

 $\mathbf{A} = 3.96 \text{ x } (XX^*-1)$ $\mathbf{B} = 3.96 \text{ x } (XX^*)$

* XX (Number of circuits)

E-XX FULL LINE CATALOGUE