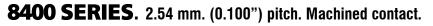
# SINGLE ROW VERTICAL SOCKET



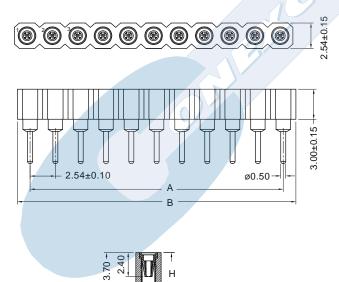
#### **General Features**

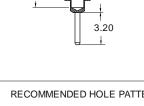
- Available in 2 through 40 circuits
- Mates with pin headers 2.54 mm. pitch 8412, 8394, 8398 and 8396 series
- Accept round pin 0.40 mm to 0.56 mm
- With different plating and dimensions options

#### Materials

- Insulator: PPS black + 30% GF UL 94 V-0
- Contact: Clip 4 fingers): Beryllium copper
- Sleeve: Brass
- Operating temperature. -40°C to +105°C
- RoHS compliant

#### **Dimension Information**





RECOMMENDED HOLE PATTERN							
(Tolerance ±0.05)							
+ + - 2.54	¢	¢	÷	¢	\$ <sup>\$}</sup> \$		

### **Electrical Features**

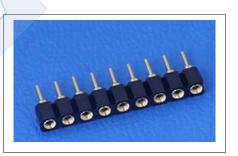
- Voltage rating: < 250V</li>
- Current rating: < 3A
- Contact resistance: < 10 mΩ</li>
- Dielectric withstanding Voltage: 1000 V AC/minute
- Insulation resistance: >1000 MΩ

### **Mechanical Features**

- Insertion force per pin: < 0.20 Kgf (round pin 0.43 mm)
- Withdrawal force per pin: > 0.03 Kgf (round pin 0.43 mm)

ONEXCON

• Durability: 500 Cycles



## Ordering Information:

<u>8400</u> -	<u>T</u> -	<u>XX</u> -	<u>C</u>	
1	2	3	4	

- 1. Connector Series
- 2. (T) Contact Plating
- T = 13. Selec. gold flash over 30-50µ" Ni overall Recommended Finish
- $T = 15.15\mu$ " selec. gold over 30-50 $\mu$ " 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) Connector length
- C=1. Dim. H=4.20 mm.
- C=2. Dim. H=7.00 mm.
- C=3. Dim. H=10.00 mm.
- C=4. Dim. H=15.00 mm.

Dimensions: (In mm.)

 $\mathbf{A} = 2.54 \text{ x} (XX^*-1)$  $\mathbf{B} = 2.54 \text{ x} (XX^*)+0.40$ 

\* XX (Number of circuits)