2.54 mm. D/ ROW SMT TOP ENTRY HEADER



5783 SERIES. 2.54 x 2.54 mm. (0.100 x 0.100") pitch.

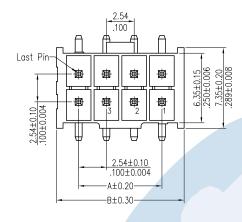
General Features

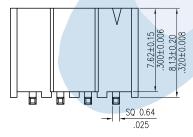
- Available in 4 through 50 circuits
- Mates with 2.54 mm crimp housing 5780 series
- Tin plated square pin 0.64 mm.
- Fully shrouded with polarized slot
- Positive lock

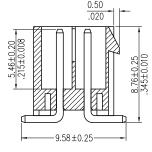
Materials

- Insulator: LCP+30% GF UL 94 V-0
- Contact: Tin plated brass
- Operating temperature: -55°C to +155°C
- RoHS compliant

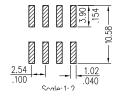
Dimensional Information







Recommended P.C.B Layout(Top Side) (PCB BOARD TOLERANCE±0.05)



Electrical Features

- Voltage rating: < 250V
- Current rating: < 3 A
- Contact resistance: < 10 mΩ
- Dielectric withstanding voltage: 500 V AC/minute
- Insulation resistance: >1000 MΩ

Mechanical Features

- Pin retention force to insulator: > 1,00 Kgf
- Durability: 25 cycles



Ordering Information:

<u>5783</u> - <u>T</u>- <u>XX</u>- <u>1</u>

- 1. Connector Series
- 2. (T) Contact Plating
- T = 2. Tin plated

 Recommended Finish
- 3. (XX) Number of circuits
- Available in 4 through 50 circuits

Dimensions: (In mm.)

 $A = 2.54 \times (XX^*/2 - 1)$ $B = 2.54 \times (XX^*/2) + 1.52$

* XX (Number of circuits)

E-XX FULL LINE CATALOGUE