2.50 mm. DUAL ROW TOP ENTRY HEADER



5731 SERIES. 2.50 mm. (0.098") pitch. NANO POWER.

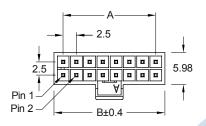
General Features

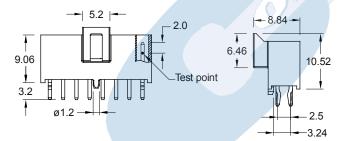
- Available in 4 through 16 circuits
- Mates with 2.50 mm. pitch crimp housing 5730 series
- Tin plated 0.64 mm. square pin
- Fully shrouded with polarized slot and extra polarizing key A or B
- Positive lock

Materials

- Insulator: LCP UL 94 V-0
- Terminal: Tin plated brass high conductivity
- Operating temperature: -40°C to +105°C
- RoHS compliant

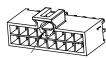
Dimensional Information



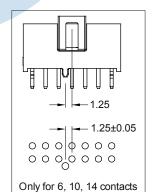


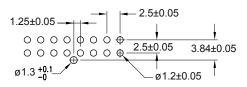


6, 10, 14 Poles



4, 8, 12, 16 Poles





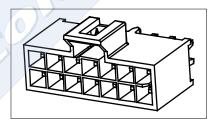
RECOMMENDED HOLE PATTERN (Recommended PCB Thk. 1.6 ~2.4 mm.)

Electrical Features

- Voltage rating: < 250V
- Current rating: < 4 A
- Contact resistance: < 10 mΩ
- Dielectric withstanding voltage: 500 V AC/minute
- Insulation resistance: >1000 MΩ

Mechanical Features

- Pin retention force to insulator: < 1.50 Kgf
- Durability: 25 cycles



Ordering Information:

<u>5731 - 2- XX- 1- P</u>

- 1. Connector Series
- 2. (XX) Number of circuits
- Available in 4 through 16 circuits
- 3. (P) Polarising Options
- P = A. Polarising A type (Black Colur)
- P = B. Polarising B type (Natural Colour)

DIMENSIONS: (in mm.)

$$A = 2.50 \left(\frac{XX}{2} - 1 \right) \qquad \qquad B = 2.50 \left(\frac{XX}{2} \right) + 0.94$$

(XX) = Number of circuits

