2.50 mm. SINGLE ROW TOP ENTRY HEADER

ONEXCON

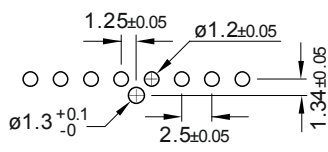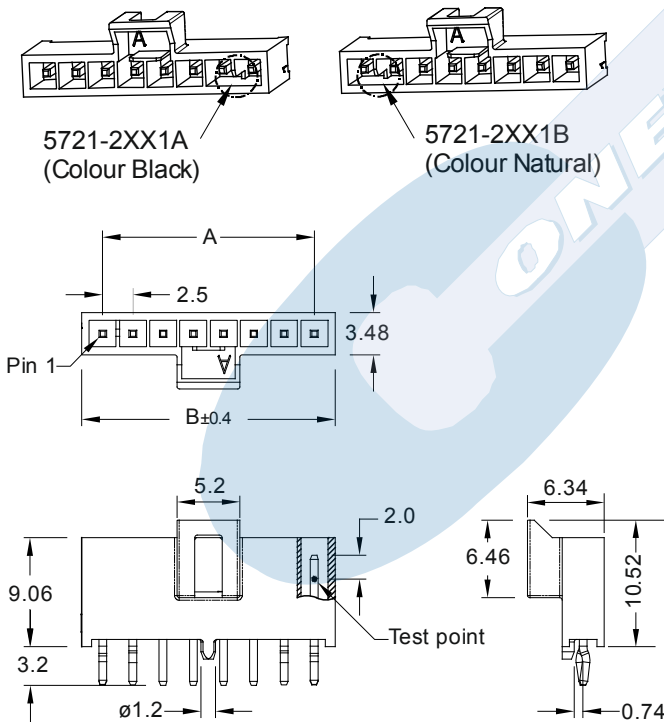## 5721 SERIES. 2.50 mm. (0.098") pitch. NANO POWER.

General Features

- Available in 2 through 8 circuits
- Mates with 2.50 mm. pitch crimp housing 5720 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: -40ºC to +105ºC
- RoHS compliant

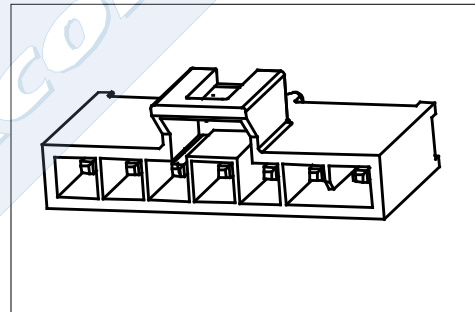### Electrical Features

- 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

Dimensional Information

5721-2XX1A
(Colour Black)

5721-2XX1B
(Colour Natural)

Pin 1

A
2.5
3.48
B±0.4

5.2
2.0
9.06
3.2
ø1.2
Test point

6.34
6.46
10.52
0.74

1.25±0.05   ø1.2±0.05
ø1.3 +0.1 -0
2.5±0.05
1.34±0.05

RECOMMENDED HOLE PATTERN
(Recom. PCB Thickness 1.6 ~ 2.4)

Dimensions: (In mm.)

A = 2.50 x (XX*-1)

B = 2.50 x (XX*)+0.94

* XX (Number of circuits)

1.25
1.25±0.05

Only for 3, 5, 7 poles

Ordering Information:

5721 - 2- XX- 1- P
  1   2   3

1. Connector Series

2. (XX) Number of circuits

- Available in 2 through 8 circuits

3. (P) Polarising Options

- P = **A.** Polarising A Type (Black Colour)
- P = **B.** Polarising B Type (Natural Colour)

Polarisation detaill

3, 5, 7 Poles

2, 4, 6, 8 Poles