

**Technical Data:**

**Material:**

- Contact(metal housing): Steel Stamping Zinc Casting or Brass Machined(Option)
- Terminal screw: Steel galvanized and chromate or Nickel plated or Tin plated (standard) (option)
- Solder Pin: Bronze with Tin plated
- Surfact body: Tin plated
- Insulator body(housing): Polyamide(Glass filled)(UL94V-0)

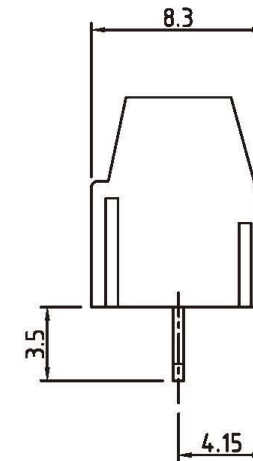
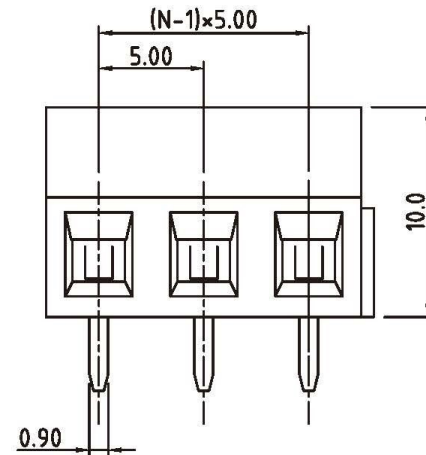
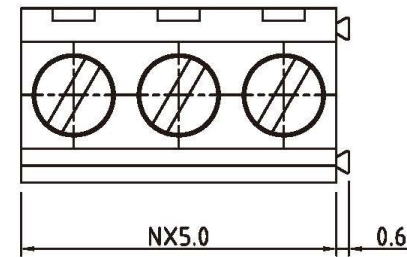
**Electrical**

- Voltage rating: 250VAC
- Current rating: 10 Amps/way max
- Contact resistance: 20mΩ(max)
- Insulation resistance: 5000MΩ/1000V
- Withstanding Voltage: 1500VAC(1min) Test time=60sec/1pcs
- Wire range: 16-26AWG

**Mechanical:**

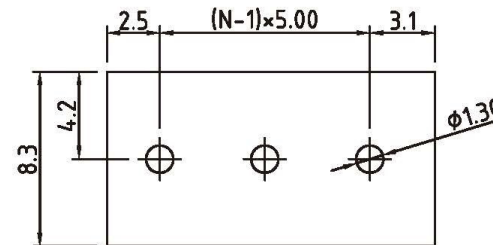
- Torque: 4kg-cm/M2.5
- Operating temperature: -33°C to +120°C
- Soldering ability: 95%coverage(min)  
Test temperature= 230°C±10°C  
Test time= 4sec±0.5sec
- Soldering reliability:  
Test temperature= 250°C±10°C  
5 seconds max

Safety approval data:



N=Number of contacts

**P.C.B. LAYOUT**



**All Connectors**

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**RoHS Compliant**

DRAWING BY CY  
CHECKED BY GENIUS  
UNIT/ mm SCALE 1:1  
DATE  
SIZE A4

TOLERANCES ARE

X ±  
.X ±  
.XX ±  
.XXX ±  
ANG ±

PROJECTION



**ORDER INFORMATION**

TBH050-D10-xx-LF  
SERIES | 02~24WAY | LEADFREE  
HIGH 10.0mm  
DIP180°

DESCRIPTION: