

**Technical Data:**

**Material:**

- Contact(metal housing): Brass (CuZn)
- Terminal screw: Steel galvanized and chromate or Nickel plated or Tin plated(standard)(option)
- Wire guard: Stainless steel
- Surface of solder tail: tin plated
- Insulator body(housing): Polyamide(Glass filled)(UL94V-0)

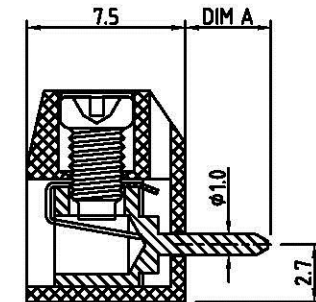
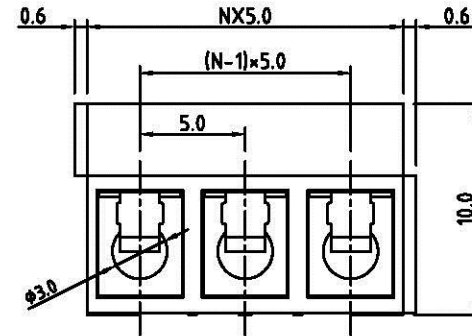
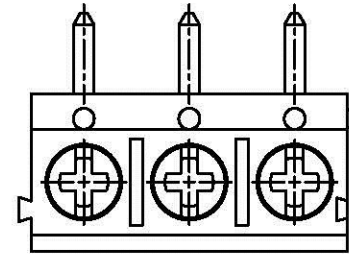
**Electrical**

- Voltage rating: 250VAC
- Current rating: 16 Amps/way max
- Contact resistance: 20mΩ(max)
- Insulation resistance: 5000MΩ/1000V
- Withstanding Voltage: 1500VAC(1min) Test time=60sec/1pcs
- Wire range: 14-22AWG

**Mechanical:**

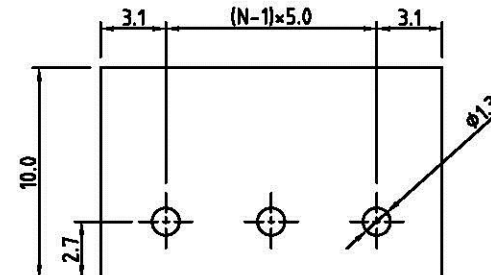
- Torque: 4kg-cm/M2.6
- Operating temperature: -33°C to +120°C
- Soldering ability: 95%coverage(min)  
Test temperature= 230°C±10°C  
Test time= 4sec±0.5sec
- Soldering reliability:  
Test temperature= 250°C±10°C  
5 seconds max

Safety approval data:  




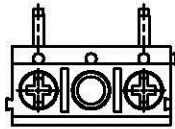
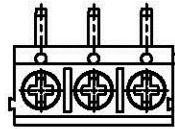
N=Number of contacts

**P.C.B. LAYOUT**



**DIM A Length**

Code	DIM A
0	4.4mm
1	3.8mm
2	3.5mm

P/N	TBN050-R10E0-XX	TBN050-R10EE-XX	TBN050-R10-XX
DWG			

**All Connectors**

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info@allconnectors.de  
Fax: 0049 711 7009504  
Kettelerstr. 25

PART NO. TBN050-R10-xx

DWG NO. TBN050-R10-xx

FILE NO.

UNIT / mm

SCALE 1:1

APPROVED BY CY

DRAWING BY

PROJECTION



TOLERANCES ARE

X. ± 0.3  
XX. ± 0.1  
XXX. ± 0.1  
AWG

DESCRIP TION:

AREA

REVISIONS

HK

DATE