# Pro Components

## *TB315 SERIES*

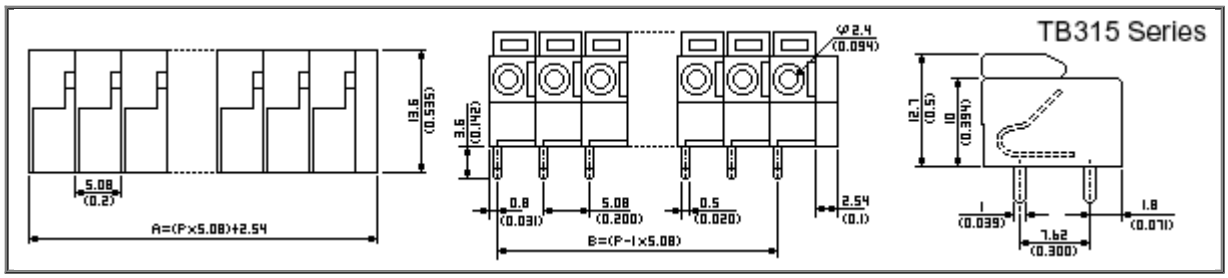
**UL Pending**

**TB315**

### SPECIFICATIONS:

Housing material: Polyamide 66 (UL 94V-0) resin
Terminals: Tin plated over Brass
Contact: Stainless
Temperature rating: -30°C ~ +80°C
Rated: 17.5 Amp, 250 VAC
Dielectric strength: 2000 VAC (Min.)
Wire range: 16 AWG to 24 AWG
Pitch: 5.08mm
Insulation resistance: 500 MΩ, 500 VDC
The maximum number of pole per block is not exceeding 30 pcs; we suggest to divide block into two pieces if total number of pole per block is over 30 pcs.

**PITCH=5.08mm (0.2inch)**
**WIRE RANGE: 16-24 AWG**




DIMENSIONS: mm(inch)

**NUMBER OF POLE 02~30

| POLE | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A±0.8 | 12.7 (0.500) | 17.78 (0.700) | 22.86 (0.900) | 27.94 (1.100) | 33.02 (1.300) | 38.1 (1.500) | 43.18 (1.700) | 48.26 (1.900) | 53.34 (2.100) | 58.42 (2.300) | 63.5 (2.500) | 68.58 (2.700) | 73.66 (2.900) | 78.74 (3.100) | 83.82 (3.300) |
| B±0.5 | 5.08 (0.200) | 10.16 (0.400) | 15.24 (0.600) | 20.32 (0.800) | 25.4 (1.000) | 30.48 (1.200) | 35.56 (1.400) | 40.64 (1.600) | 45.72 (1.800) | 50.8 (2.000) | 55.88 (2.200) | 60.96 (2.400) | 66.04 (2.600) | 71.12 (2.800) | 76.2 (3.000) |
| **POLE** | **17** | **18** | **19** | **20** | **21** | **22** | **23** | **24** | **25** | **26** | **27** | **28** | **29** | **30** | |
| A±0.8 | 88.9 (3.500) | 93.98 (3.700) | 99.06 (3.900) | 104.14 (4.100) | 109.22 (4.300) | 114.3 (4.500) | 119.38 (4.700) | 124.46 (4.900) | 129.54 (5.100) | 134.62 (5.300) | 139.70 (5.500) | 144.78 (5.700) | 149.86 (5.900) | 154.94 (6.100) | |
| B±0.5 | 81.28 (3.200) | 86.36 (3.400) | 91.44 (3.600) | 96.52 (3.800) | 101.6 (4.000) | 106.68 (4.200) | 111.76 (4.400) | 116.84 (4.600) | 121.92 (4.800) | 127.00 (5.000) | 132.08 (5.200) | 137.16 (5.400) | 142.24 (5.600) | 147.32 (5.800) | |

## FEATURES

- Easy to assemble for any number of positions
- End stackable without any loss of P.C.B. space
- UL 94V-0 grade fire retardant engineering plastic used for the housing
- Be capable of clamping a wide range of wire diameters
- Screwless design can reduce time for connecting wire

## PART NUMBERING SYSTEM

```
TB   315 XX  X  X  X  XX
 |    |   |  |  |  |   |
 |    |   |  |  |  |   +-------- Special number
 |    |   |  |  |  +------- Screw type
 |    |   |  |  |            2:Screwless type
 |    |   |  |  +------ Housing color:
 |    |   |  |           B:Blue, G:Green, K:Black
 |    |   |  +----- Pitch:
 |    |   |          0:Standard pitch
 |    |   +---- Number of pole
 |    +--- Series: Dimensions and rated
 |          315:Screwless type (Pitch=5.08mm)
 |
 +--- Model
```