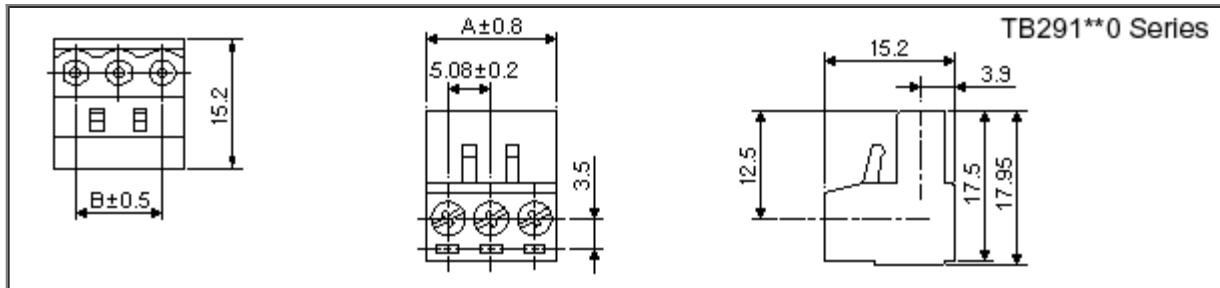


TB291

### SPECIFICATIONS:

Housing material: Polyamide 66 (UL 94V-0) resin  
Terminals: Tin plated over Brass  
Screws: Zinc plated over Steel  
Wire cage: Nickel Plated over Zinc Alloy  
Wire protector: Nickel plated over Brass  
Dielectric strength: 2000 VAC (Min.)  
Wire range: 12 AWG to 24 AWG  
Insulation resistance: 500 M $\Omega$  500 VDC  
Rated: 10 Amp, 300 VAC

**PITCH=5.08mm (0.2inch)**  
**WIRE RANGE: 12-24 AWG**



DIMENSIONS: mm(inch)

\*\*NUMBER OF POLE 02~16

| POLE  | 2                | 3                | 4                | 5                | 6                | 7                | 8                | 9                | 10               | 11               | 12               | 13               | 14               | 15               | 16               |
|-------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| A±0.8 | 10.16<br>(0.400) | 15.24<br>(0.600) | 20.32<br>(0.800) | 25.4<br>(1.000)  | 30.48<br>(1.200) | 35.56<br>(1.400) | 40.64<br>(1.600) | 45.72<br>(1.800) | 50.8<br>(2.000)  | 55.88<br>(2.200) | 60.96<br>(2.400) | 66.04<br>(2.600) | 71.12<br>(2.800) | 76.2<br>(3.000)  | 81.28<br>(3.200) |
| B±0.5 | 5.08<br>(0.200)  | 10.16<br>(0.400) | 15.24<br>(0.600) | 20.32<br>(0.800) | 25.4<br>(1.000)  | 30.48<br>(1.200) | 35.56<br>(1.400) | 40.64<br>(1.600) | 45.72<br>(1.800) | 50.8<br>(2.000)  | 55.88<br>(2.200) | 60.96<br>(2.400) | 66.04<br>(2.600) | 71.12<br>(2.800) | 76.2<br>(3.000)  |

### FEATURES

- Special wire protector design to ensure reliable wire clamping
- Be capable of clamping a wide range of wire diameters
- The male connector of plug is mounted and soldered to the P.C.B.
- The female socket using a twin leaf phosphor bronze contact mates with the male
- UL 94V-0 grade fire retardant engineering plastic used for the housing
- Good for insertion & withdrawal

### PART NUMBERING SYSTEM

