



## Specification

- Panel material: 3.0 m/m thickness Metal, Black color painting.
- RJ45 Jack :  
Housing : PBT, UL94 V0.  
Conductor : Phosphor Bronze with 50 micro-inch Gold plating.  
Contact Finished : Contact area : 50 micro-inch min. Gold plated.  
Solder area : 50-60 micro-inch Tin-lead plated.  
50-60 micro-inch Nickel plated on the contact side of the conductor.
- IDC : IDC 110 & Krone tool compatible  
IDC Housing : PC, UL94 V0, White color.  
IDC Terminal : Phosphor Bronze with 50 micro-inch Tin-lead plated over 50-60 micro-inch Nickel plated.
- P.C.board: FR4 P.C.B. 1.6 m/m thickness, double side.
- Jack Bracket Set: ABS UL94 V0, Black color.
- Screws: Round head,  $\phi 3 \times 20$  m/m, Silver color.
- Operation Temperature :  $-40^{\circ}\text{C}$  to  $80^{\circ}\text{C}$ .
- Insertion Force : 900gms for 8 contacts.
- Retention Strength : 7.7 kgs between jack and plug.
- Durability :  
750 cycles contact resistance test check every  
100 cycles. Insertion cycles at 20 cycles/minute max.

## Color coding information

### T568B

| COLOR CODE   | IDC TERMINAL | RJ45 JACK |
|--------------|--------------|-----------|
| WHITE/BLUE   | PIN.5        | PIN.5     |
| BLUE         | PIN.4        | PIN.4     |
| WHITE/ORANGE | PIN.1        | PIN.1     |
| ORANGE       | PIN.2        | PIN.2     |
| WHITE/GREEN  | PIN.3        | PIN.3     |
| GREEN        | PIN.6        | PIN.6     |
| WHITE/BROWN  | PIN.7        | PIN.7     |
| BROWN        | PIN.8        | PIN.8     |

### T568A

| COLOR CODE   | IDC TERMINAL | RJ45 JACK |
|--------------|--------------|-----------|
| WHITE/BLUE   | PIN.5        | PIN.5     |
| BLUE         | PIN.4        | PIN.4     |
| WHITE/GREEN  | PIN.1        | PIN.1     |
| GREEN        | PIN.2        | PIN.2     |
| WHITE/ORANGE | PIN.3        | PIN.3     |
| ORANGE       | PIN.6        | PIN.6     |
| WHITE/BROWN  | PIN.7        | PIN.7     |
| BROWN        | PIN.8        | PIN.8     |



| TOLERANCE INCHES |      |     | M/M                                    |          |               | TNT Tri-Net Technology, Inc.<br><a href="http://www.trinetusa.com">http://www.trinetusa.com</a> |         |  |
|------------------|------|-----|--|----------|---------------|---|---------|--|
| .X               | .015 | .30 | SCALE                                  | NONE     | REV           | A   | DWG NO. |  |
| .XX              | .010 | .10 | UNIT                                   | MM       |               |   |         |  |
| .XXX             | .005 | .05 | SHEET                                  | 1/1      | DATE 08/09/06 |   |         |  |
| DRAWN BY         |      |     | DATE                                   | 08/09/06 |               |   |         |  |
| CHECK BY         |      |     | TITLE CAT.5E 12 PORTS WALL MOUNT PANEL |          |               |   |         |  |
| APPD BY          |      |     | PART NO. 01C-812-258A                  |          |               |   |         |  |