

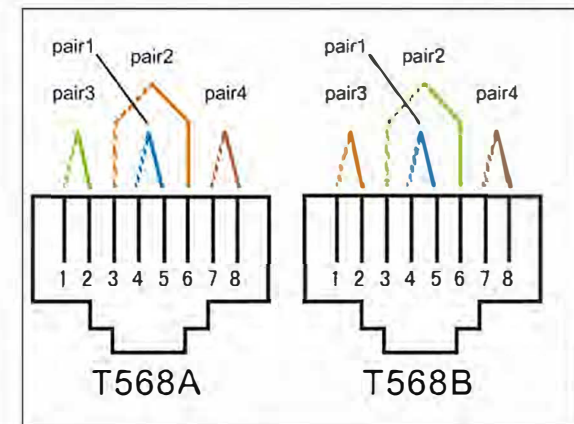
REV	DATE	MODIFICATION	DRAWN

**Specification:**  
**Material:**

1. Panel: 1.6mm/SPCC with Black color painting.
2. RJ45 Housing: PBT, UL 94V-0.
3. RJ45 Contact material & finished:
  - 3-1. Phosphor Bronze with 50-60 micro-inch Nickel plated.
  - 3-2. Contact area: Min. 3mm 50micro-inch Gold plated.
4. IDC House: PC, UL 94V-2.
5. IDC Terminal material & finished:
  - 5-1: Phosphor Bronze with 50 micro-inch Tin-Lead p ated. over 50-60 micro-inch Nickel plaed.
  - 5-2. 110 tool compatible.
  - 5-3. Use for 22-26AWG stranded and solid wire.
6. Jack Bracket Set: ABS UL 94V-0, Black color.

**Performance:**

- a. The IDC color combine two wirings of T568A & T568B.
- b. Insertion Force: 900 grms for 8 contacts.
- c. Retention Strength: 7.7 kgs between Jack and Plug
- d. Operation Temperature: -40°C to 70°C
- e. Durability:
  - e-1. Jack: 750 cycles Plug-Jack mating and unmating test. Insertion cycles at 20 cycles/minute max. Contact resistance test per 100 cycles.
  - e-2. IDC: Max. 200 punching times.
- f. The Cat. 5e performance is in compliance with the ANSI/TIA/EIA 568 B. 2 standard.



DIMENSION IN mm (Inch) TOLERANCE UNLESS OTHERWISE SPECIFIED		MATERIAL PC, Phosphor bronze	DWG. NO.	
.X±0.10	.X°±5°	TITLE		
.XX±0.05	.XX°±2°	SCALE 1/1 SHEET 1/1		
APPROVAL	CHECKED	DRAWN NICK	PROJ.	REV