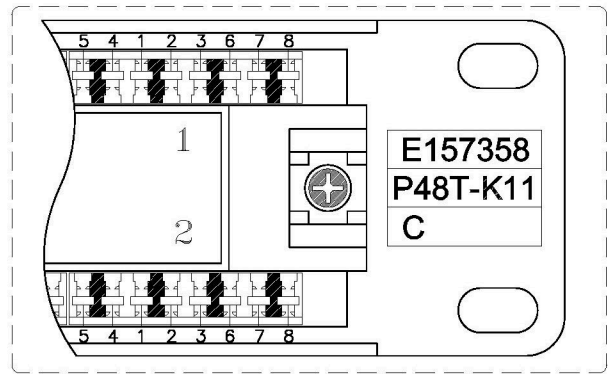


**Specification:**

- Material :**
1. Panel : 1.6 m/m 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. 3 mm 50 micro-inch Gold plated.
  4. IDC Housing : PC, UL 94V-2.
  5. IDC Terminal material & finished :
    - 5-1. Phosphor Bronze with 50 micro-inch Tin-Lead plated over 50-60 micro-inch Nickel plated.
    - 5-2. 110 & Krone tool compatible.
    - 5-3. Use for 22-26 AWG stranded and solid wire.
  6. Jack Bracket Set : ABS UL 94V-0, Black color.
  7. Cable Holder : Nylon 66, UL 94V-0.

- Performance :**
- a. The IDC color codes combine two wirings of T568A & T568B.
  - b. Insertion Force : 900 gms for 8 contacts.
  - c. Retention Strength : 7.7 kgs between Jack and Plug.
  - d. Operation Temperature : -40°C to 80°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.



GENERAL TOLERANCE OF DIMENSIONS X.XXX ±0.005 X.XX ±0.05 X.X ±0.1	DRAWING	11.MAR.2004	Nick	<b>ConnEX</b>
	CHECK	11.MAR.2004	YTY	
	APPROVAL	11.MAR.2004	Magic	
	DATE	NAME	ITEM NO.:	NTL-PP848
SCALE	1/4 (A4)	UNIT	mm	DES.: CAT.5e Patch Panel, 48 port
	DRAWING NO. P48T-K11-CEC-BK(SA1)			
	DRAWING CLASSIFICATION		S	SHEET 1 OF 1