

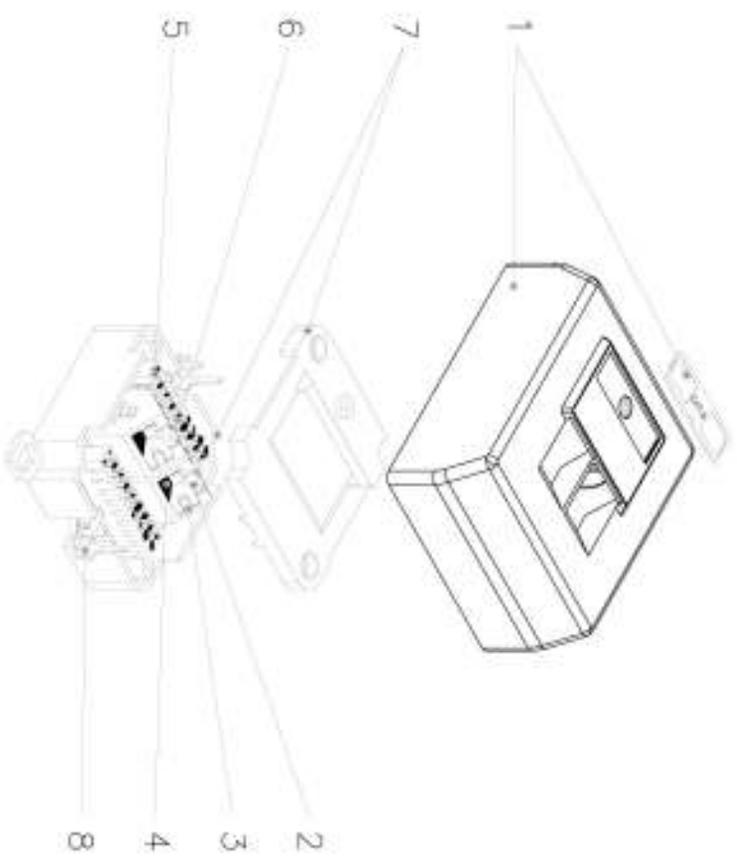
**Specification :**

**Material :**

1. Surface Mounting Box & Name Plate : ABS, UL 94-HB.
2. RJ45 Jack Housing : PBT, UL 94V-0.
3. RJ45 Jack Shield : Bronze with Nickel plated.
4. RJ45 Contact material & finished :
  - 4-1. Phosphor Bronze with 30-40 micro-inch Nickel plated.
  - 4-2. Contact area : Min. 3 mm 50 micro-inch Gold plated.
5. IDC Housing : Polycarbonate, UL 94V-2, KRONE impact.
6. IDC Terminal material & finished :
  - 6-1. Phosphor Bronze with 80 micro-inch Tin plated.
  - 6-2. Krone tool only.
  - 6-3. Use for 22-26 AWG stranded & solid wire.
7. Top & Bottom Case : Zinc Die-casting.
8. Cable Clamp : Bronze with Nickel plated.

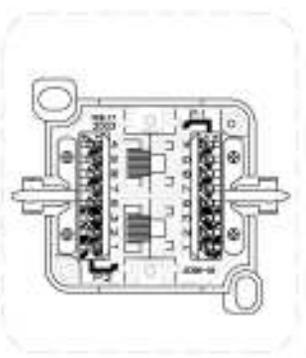
**Performance :**

- 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 Cat6 performance is in compliance with the ANSI/TIA/EIA 568 B.2-1 standard.



SCALE 1/2

Remark : JE30806-FSD/XX  
 (1) XX : Plastic Color  
 WH=White, IV=Ivory,  
 (1)



SCALE 1/2

GENERAL TOLERANCE OF DIMENSIONS		DRAWING		PENG	
K/XX	±0.020	CHECK	26 JUN. 2006	VICKY	
XX	±0.05	APPROVAL	26 JUN. 2006	JAIMY	
XX	±0.1	DATE		NAME	ITEM NO.: JE30806-FSD/XX
		SCALE 1/2 (A4)	UNIT mm	DES.: Cat6 German Surface Mounted Box	
		DRAWING NO. JE30806-FSDXX(SA4)		DRAWING CLASSIFICATION S	
				SHEET 1 OF 1	