



SCALE 1/1

Specification :

- Material :**
1. RJ45 Jack Shield : Bronze with Nickel plated.
 2. RJ45 Jack :
 - 2-1. Housing : ABS+PC, UL 94V-0.
 - 2-2. Contact Bracket : PC, UL 94V-2, Transparent color.
 3. RJ45 Jack Contact :
 - 3-1. Material : Phosphor Bronze with Nickel plated
 - 3-2. Finish : 50 micro-inch Gold plated on Plug contact area.
 4. IDC :
 - 4-1. Housing : PC+Glass Fiber, UL 94V-2.
 - 4-2. Terminal : Phosphor Bronze with Tin plated.
 5. IDC CAP A&B : Zinc Die-Casting with Nickel plated.
 6. IDC CAP : PC+Glass Fiber, UL 94V-2.
 7. PCB : FR4, UL 94V-0.

Performance :

- a. T568A & T568B wiring Printing on IDC cap.
- b. Insertion force : 30N max. (IEC 60603-7-5)
- c. Retention strength : 7.7 kg between Jack and Plug.
- d. Operating temperature : -10°C to 60°C. (ISO/IEC 11801, ANSI/TIA/EIA 568 B.2)
- e. Life(mating cycles) :
 - *Jack : 750 cycles min. (ISO/IEC 11801, IEC 60603-7-5)
 - *IDC : Suitable for 22-26 AWG stranded and solid wire.
- f. The Cat.5e transmission 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	05.MAY.2011	YLL
	CHECK	05.MAY.2011	JANE
	APPROVAL	05.MAY.2011	JAIMY
SCALE 1/1 (A4)		UNIT	mm
DRAWING NO.		DRAWING CLASSIFICATION	
DRAWING CLASSIFICATION		S	SHEET 1 OF 1

HOYUTEC
International Co., Ltd.

ITEM NO.: HYC-K18F13
DES.: CAT.5E FULL SHIELDED KEYSTONE JACK