

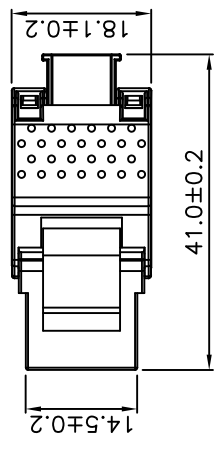
SCALE 1/1

**Specification :**

- Material :**
1. RJ45 Jack :
    - 1-1. Housing : ABS+PC, UL 94V-0, with optional color.
    - 1-2. Contact Bracket : PC, UL 94V-2, Transparent color.
  2. RJ45 Jack Contact :
    - 2-1. Material : Phosphor Bronze with Nickel plated
    - 2-2. Finish : 50 micro-inch Gold plated on Plug contact area.
  3. IDC :
    - 3-1. Housing : PC+Glass Fiber, UL 94V-2
    - 3-2. Terminal : Phosphor Bronze with Tin plated.
  4. IDC CAP A&B : PC+Glass Fiber, Gray(RAL7035) color, UL 94V-2.
  5. IDC CAP : PC+Glass Fiber, UL 94V-2.
  6. PCB : FR4, UL 94V-0.

**Performance :**

- a. T568A & T568B wiring Printing on IDC cap.
- b. Insertion force : 20N max. (IEC 60603-7-4)
- 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 60603-7-4)
  - \*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

**HOYTEC**  
International Co., Ltd.

ITEM NO.: HYC-K18F11X  
DES.: CAT.5E UNSHIEDED KEYSTONE JACK

DRAWING NO.	NAME
DRAWING CLASSIFICATION	SHEET
1	1 OF 1