



SCALE 1 / 1

Specification :

Material :

1. RJ45 Jack :
 - 1-1. Housing : ABS, UL 94V-0, with optional color.
 - 1-2. Contact Bracket : PBT+Glass Fiber, UL 94V-0.
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 : PC, UL 94V-2.
5. 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 23-24 AWG stranded and solid wire.
- f. The Cat.6 transmission performance is in compliance with the ANSI/TIA/EIA 568 B.2-1 standard.

GENERAL TOLERANCE OF DIMENSIONS
 X.XXX ±0.005
 X.XX ±0.05
 X.X ±0.1

DRAWING	22.OCT.2010	WESLEY
CHECK	22.OCT.2010	JANE
APPROVAL	22.OCT.2010	JAIMY
SCALE	1/1 (A4)	UNIT mm
DRAWING NO.	DATE	NAME
	DRAWING CLASSIFICATION	SHEET

HOYUtec
International Co., Ltd.

ITEM NO.: HYC-K1521X
 DES.: CAT.6 UNSHIELDED KEYSTONE JACK

