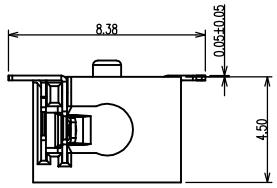
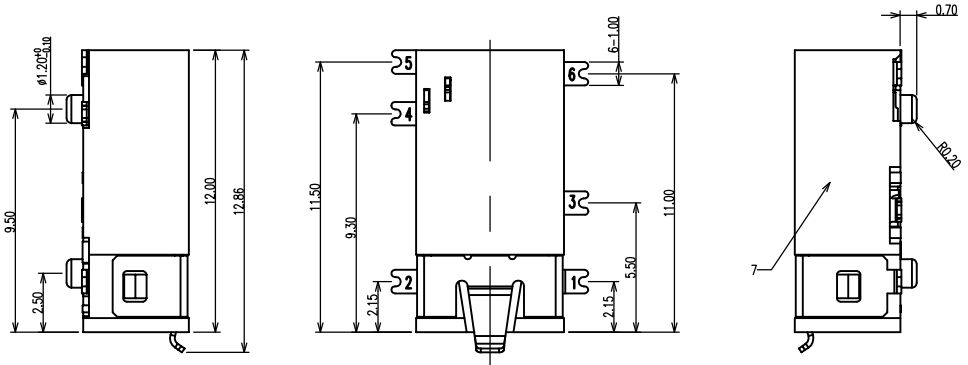
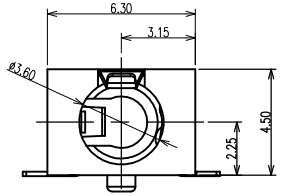
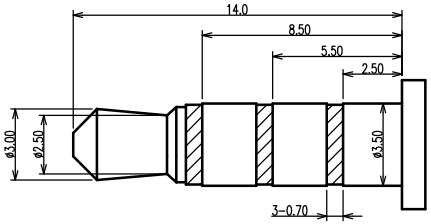
REV	ECN #	DESCRIPTION	DRAWING	APPROVED	DATE
A		NEW RELEASE	DEYI		2012/9/8

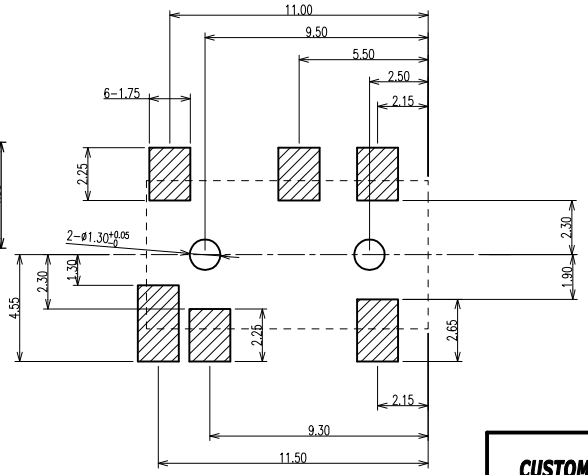








(ø3.50mm 4 POLE PLUG DETAIL DRAWING)



Recommended PCB Layout

NOTES :

1.0. RATING :
1.1. VOTAGE : 12 VAC (R.M.S.)
1.2. CURRENT : 1 AMPERE MAXIMUM PER CONTACT AT 30°C T-RISE
1.3. TEMPERATURE : -20°C TO +70°C
2.0. ELECTRICAL CHARACTERISTIC :
2.1. CONTACT RESISTANCE : 50 MILLIOHMS MAXIMUM INITIAL
2.2. INSULATION RESISTANCE : 100 MEGOHMS MINIMUM
2.3. DIELECTIC WITHSTANDING VOLTAGE : 500 VAC AT SEA LEVEL
3.0. MATERIALS :
3.1. CONTACT : COPPER ALLOY
3.2. HOUSING : THERMOPLASTIC, GLASS FILLED, 130°C, UL 94V-0 RATED
4.0. MECHANICAL :
4.1. INSERTION FORCE(PER CONTACT): 300~3000 GRAMS
4.2. WITHDRAWAL FORCE(PER CONTACT): 300~3000 GRAMS
4.3. DURABILITY ,MINIMUN: MATED 5000 TIMES WITHOUT DEGRADING ELECTRICAL CHARACTERISTICS
4.4. CONTACT FORCE, MINIMUN: 80 GRAMS

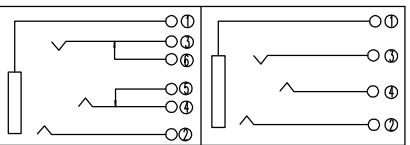
PRODUCT NO.

PJ04-06 A B 05-01
① ② ③ ④

PRODUCT SERIES:
① PJ04: PHONE JACK CONNECTOR H=4.5mm
② PIN NO.:
04: 4PIN
06: 6PIN
③ MATERIAL:
A: PA-9T
④ SERIES NO.:
01: ⌀3.5mm 无头 H=4.5mm

NO.	Part Name	QTY	Dscription	Plated/Color	Note
1	TERMINAL A	1	C5210R-H T=0.20mm	Plated Au	
2	TERMINAL B	1	C5210R-H T=0.20mm	Plated Au	
3	TERMINAL C	1	C5210R-H T=0.20mm	Plated Au	
4	TERMINAL D	1	C5210R-H T=0.20mm	Plated Au	
5	TERMINAL E	1	C5210R-H T=0.20mm	Plated Au	
6	TERMINAL F	1	C5210R-H T=0.20mm	Plated Au	
7	HOUSING	1	LCP+30%G.F/PA46+40%G.F	Color: BLACK	(UL-94V-0)

SCHEMATIC



P/N PJ01-06AB05-00 PJ01-04AB-00

CUSTOMER DRAWING	YTCONN Dongguan YTCONN Electronics Technology Co., Ltd.		
GENERAL TOLERANCE X. .X ±0.20 .XX ±0.15 .XXX ±0.10 ANGEL TOLERANCE X. ±3° .XX ±2° .XXX ±1°	DRAWING	DEYI	TITLE: PHONE JACK CONNECTOR 4.5h (无头)
	APPROVED		P/N: PJ04-06AB05-01
	DATE	2012.09.08	DRAWING NO. C-PJ04-01
	UNIT mm	SCALE 1:1	SIZE A4 SHEET 1of1 REV A