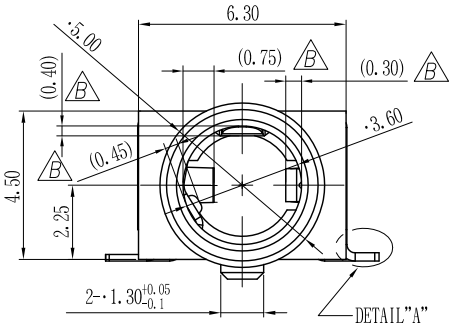
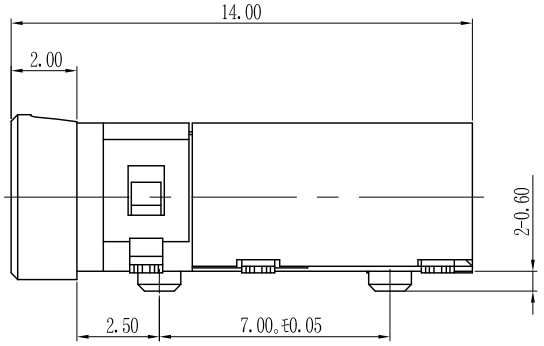
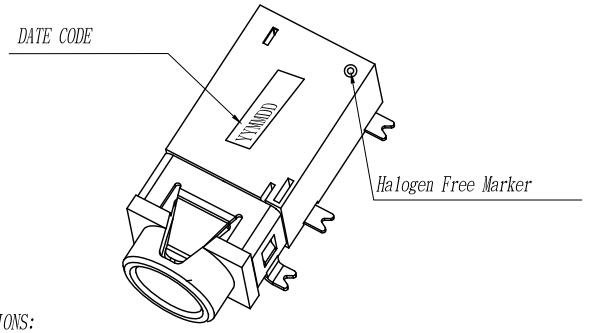
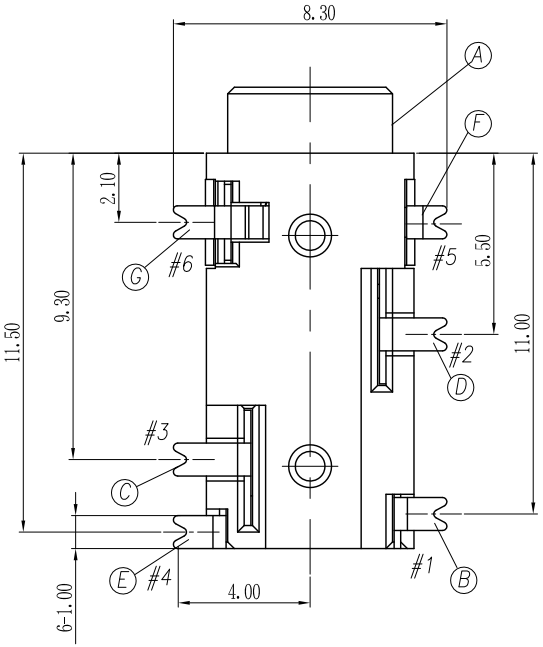
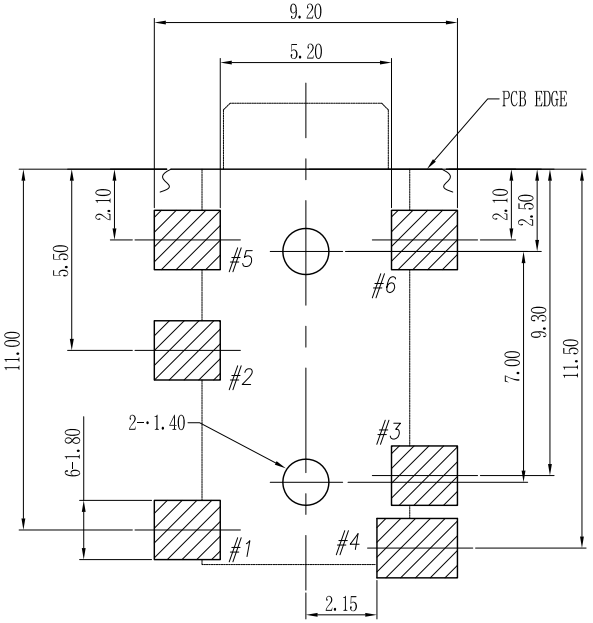
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
B	ECN:C100156 ADD DIMENSION	REX	2010.06.14
C	ECN:C110374 Update drawing	Longjiang	2011.11.29







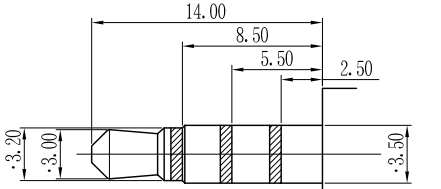




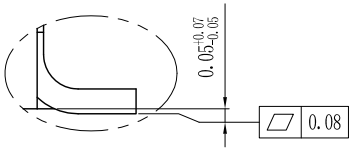
RECOMMENDED PCB LAYOUT
TOP VIEW (TOLERANCE: ±0.05)

SPECIFICATIONS:

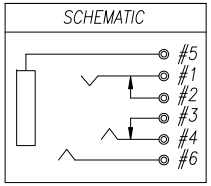
1. ELECTRICAL CHARACTERISTICS:
   - 1-1. RATING: 12V 1A
   - 1-2. CONTACT RESISTANCE: 30mΩ MAX. (INITIAL)
   - 1-3. DIELECTRIC WITHSTANDING VOLTAGE: 500V AC FOR ONE MINUTE.
   - 1-4. INSULATION RESISTANCE: 100MΩ MIN. MEASURED BY 500 VDC
2. MECHANICAL CHARACTERISTICS:
   - 2-1. INSERTION FORCE : 0.3~3.0 KGF
   - 2-2. WITHDRAWAL FORCE : 0.3~3.0 KGF
3. LIFE TEST: 5,000 CYCLES MIN.
4. OTHER GENERAL SPEC. TO REFER "2SJ2296 SERIES SPEC".
5. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
6. HALOGEN FREE PRODUCT IDENTIFICATION MARK ON PRODUCT:
7. HALOGEN FREE PRODUCT IDENTIFICATION LABEL ON PACKAGING:
8. FOR REFLOW SOLDERING LEAD-FREE PROCESS.



MATING PLUG (1/2 SCALE)
ø3.5 4-POLE STANDARD PLUG(TOL:±0.05)



DETAIL"A"
(3 SCALE)



NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
G	RING-B	1	COPPER ALLOY 0.2t	△ Gold flash on contact area And solder tail, All over Nickel plated
F	EARTH	1	COPPER ALLOY 0.25t	
E	TIP SPRING	1	COPPER ALLOY 0.2t	
D	SHUNT-B	1	COPPER ALLOY 0.2t	
C	SHUNT-A	1	COPPER ALLOY 0.2t	
B	RING-A	1	COPPER ALLOY 0.2t	
A	BODY	1	HIGH TEMP. THERMOPLASTIC UL94-V0	BLACK COLOR

UNLESS OTHERWISE SPECIFED TOLERANCES

DECIMALS: X :±0.5 X.X :±0.3 X.XX :±0.2

ANGLES: X :±2° X.X :±1°

Singatron Enterprise Co., Ltd.
信音企業股份有限公司

TITLE	⌀3.5 PHONE JACK		
DWN	Longjiang 2011.01.04	PART NO. 2SJ2296-000111	
CHKD	ZZZ 2011.01.04	SCALE 6:1	UNIT: mm
APVD	LIAO 2011.01.04	SIZE: A3	SHEET: 1OF1 REV: C

CUSTOMER COPY

文件編號 RD-06-043-A