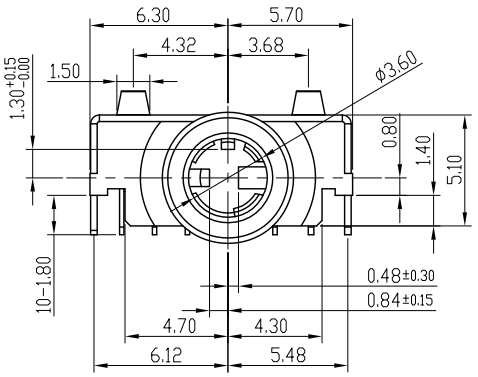
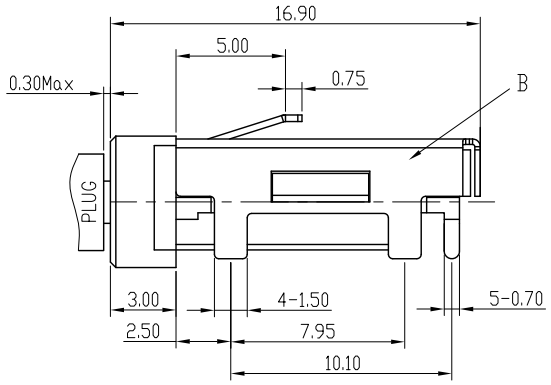
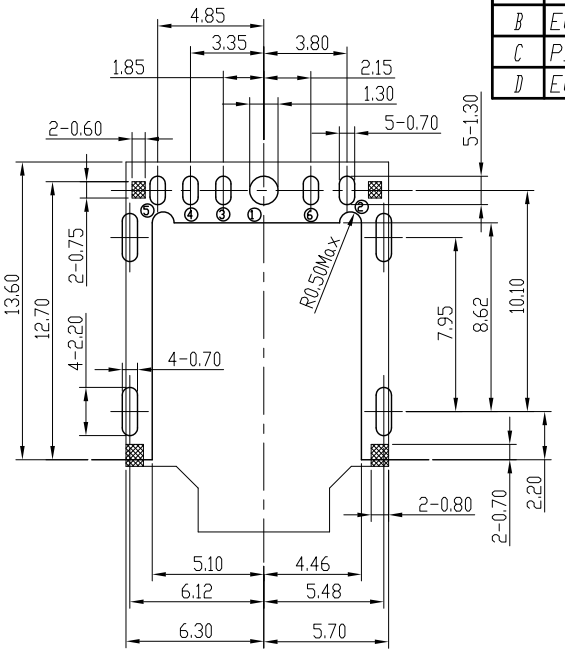
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
B	ECN NO.S091117	Allen	2009.12.21
C	PDR No.T100709-1A&1B	Bruce	2010.08.23
D	ECN No.S120932	Danfeng	2012.10.10

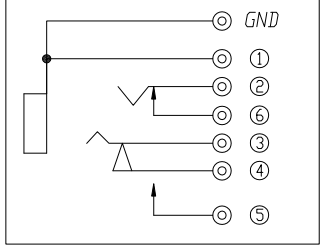


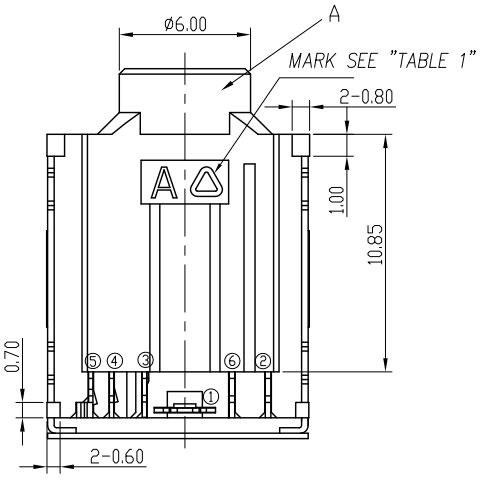


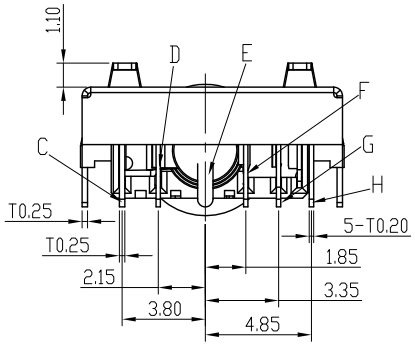


RECOMMENDED PCB LAYOUT
TOP VIEW ; TOL.±0.05
PCB THICKNESS: 1.2mm

SCHEMATIC
② AND ⑥ NORMAL CLOSE
④ AND ⑤ NORMAL OPEN







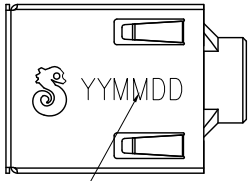
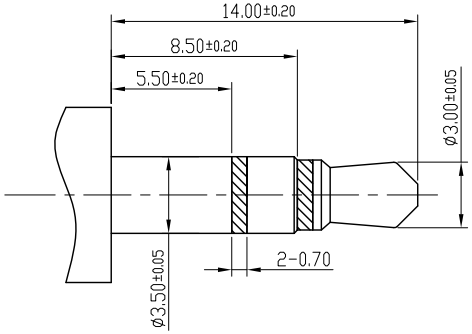


TABLE 1 :

P/N	COLOR	MARK	SPEC
2SJ1012-002111	BLACK	△	Spec: 13; 14
2SJ1012-008111	RED (1807C)		
2SJ1012-007111	BLACK	◎	Spec: 15; 16

SPECIFICATIONS :
1. INSULATION RESISTANCE BETWEEN ANY ADJACENT OPEN CIRCUIT TERMINAL SHELL NOT BE LESS THAN 100MΩ MEASURED BY 500 VDC MEGGER.
2. INSULATION VOLTAGE WITHSTAND : 500V AC FOR ONE MINUTE.
3. CONTACT RESISTANCE : 30mΩ MAX.
4. UNLESS OTHERWISE SPECIFIED. TEST IS TO BE MADE AT 5–35°C IN TEMPERATURE AND 45–85% IN HUMIDITY. BUT,IF ANY VAGUE DATA IS OCCURED ON TEST RESULT, ANOTHER TEST SHALL BE MADE AT 20°C±2°C IN TEMP., 60–70% IN HUMIDITY.
5. LIFE TEST : 5,000 CYCLES MIN. (NON–LOAD)
6. INSERTION FORCE : 0.4 – 3Kgf.
7. WITHDRAWAL FORCE : 0.3 – 2Kgf.
8. AFTER LIFE TEST, CONTACT RESISTANCE: 50mΩ MAX.
9. AFTER HUMIDITY TEST, INSULATION RESISTANCE : 50MΩ MIN.
10. MARKING: MARK " " ON TOP OF CONNECTOR.
11. PACKAGING : TAPE & REEL.
12. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC
13. GREEN PRODUCT IDENTIFICATION MARK ON JACK: △
14. GREEN PRODUCT IDENTIFICATION LABEL ON PACKAGING: G.P. PASS
15. HALOGEN FREE PRODUCT IDENTIFICATION MARK ON PRODUCT: ○
16. HALOGEN FREE PRODUCT IDENTIFICATION LOGO ON PACKAGING:
17. FOR LEAD–FREE PROCESS.



RECOMMENDED PLUG
ø3.5 3-POLE

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
H	MAKE TERMINAL	1	PHOSPHOR BRONZE 0.2t	GOLD PLATD ALL OVER Ni 60u"Min.
G	TRANSFER TERMINAL	1	PHOSPHOR BRONZE 0.2t	
F	RING SPRING	1	PHOSPHOR BRONZE 0.2t	
E	EARTH	1	PHOSPHOR BRONZE 0.2t	
D	SHUNT TERMINAL	1	ALLOY COPPER 0.2t	
C	TIP SPRING	1	PHOSPHOR BRONZE 0.25t	
B	SHELL	1	SPCC-SD 0.25t	Ni 60u"Min.
A	BODY	1	HIGH TEMP.THERMOPLASTIC	SEE "TABLE 1"

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	ø3.5 SINKING TYPE AUDIO JACK		
DWN	Danfeng	PART NO. 2SJ1012-00X111	
CHKD	TOM	SCALE:4:1	UNIT: mm
APVD	QUAN	SIZE: A3	SHEET:1 / 1 REV:D

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