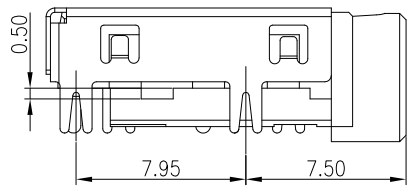
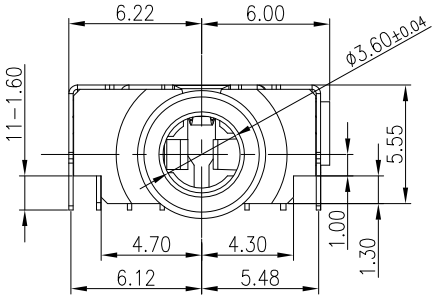
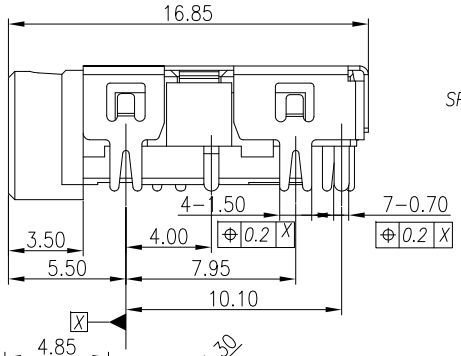
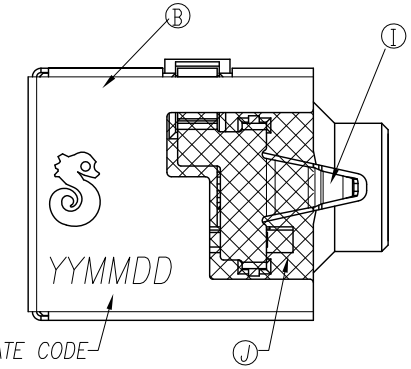
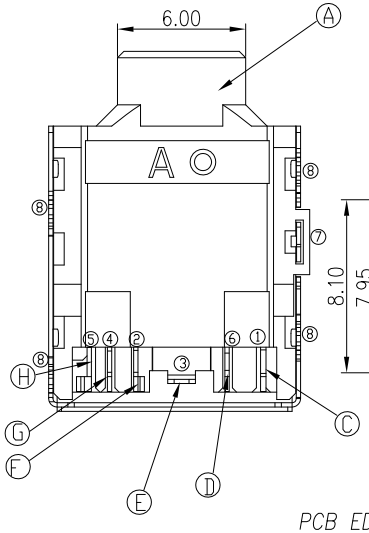
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR NO.T111123-4A	Swina	2012.03.05

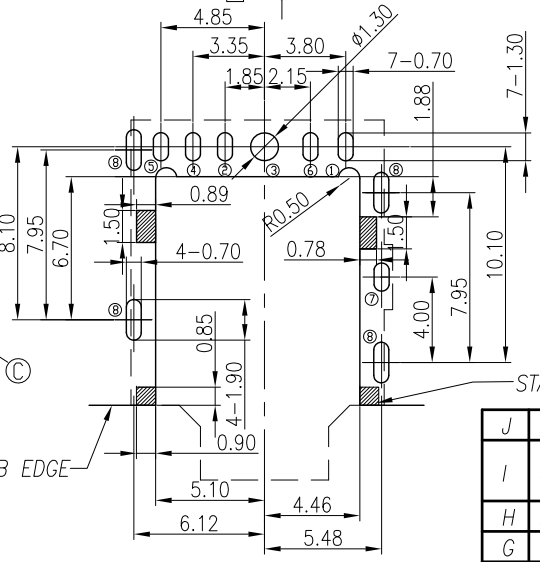


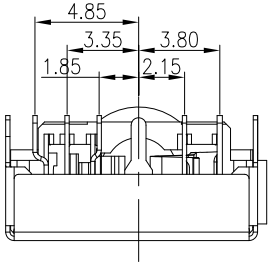




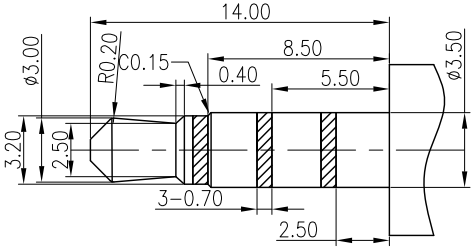






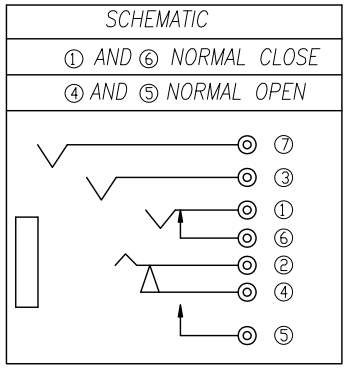


RECOMMENDED PCB LAYOUT
TOP VIEW ; TOL.±0.05



MATING PLUG(TOLERANCE:±0.05)
ø3.5 4-POLE STANDARD PLUG

SCHEMATIC



SPECIFICATIONS:

1. ELECTRICAL CHARACTERISTICS:
   - 1-1. RATING: 12V 1A
   - 1-2. CONTACT RESISTANCE: 30mΩ MAX.
   - 1-3. DIELECTRIC WITHSTANDING VOLTAGE: 500V AC FOR ONE MINUTE.
   - 1-4. INSULATION RESISTANCE: 100MΩ MIN. MEASURED BY 500V DC
2. MECHANICAL CHARACTERISTICS:
   - 2-1. INSERTION FORCE : 0.4~3.0 KGF
   - 2-2. WITHDRAWAL FORCE : 0.3~2.0 KGF
3. LIFE TEST: 5,000 CYCLES MIN.
4. AFTER LIFE TEST, CONTACT RESISTANCE: 50mΩ MAX.
5. AFTER HUMIDITY TEST, INSULATION RESISTANCE: 50MΩ MIN.
6. OTHER GENERAL SPEC. TO REFER "ø2.5 ø3.5 PHONE JACK SPEC".
7. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
8. HALOGEN PRODUCT IDENTIFICATION MARK ON JACK:
9. HALOGEN PRODUCT IDENTIFICATION LABEL ON PACKAGING:
10. FOR REFLOW SOLDERING LEAD-FREE PROCESS.

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
J	MYLAR	1	L:10.5*W10.5*T0.06	YELLOW
I	EARTH-B	1	PHOSPHOR BRONZE 0.2T	GOLD FLASH ON CONTACT AREA; Sn 120u" ON SOLDER TAIL; ALL OVER Ni 50u"Min.
H	B-TERMINAL	1	PHOSPHOR BRONZE 0.2T	
G	T-TERMINAL	1	PHOSPHOR BRONZE 0.2T	
F	RING SPRING	1	PHOSPHOR BRONZE 0.2T	GOLD FLASH ON CONTACT AREA; MATTE Sn 120u" ON SOLDER TAIL; ALL OVER Ni 50u"Min.
E	EARTH-A	1	PHOSPHOR BRONZE 0.2T	
D	SHUNT TERMINAL	1	PHOSPHOR BRONZE 0.2T	
C	TIP SPRING	1	PHOSPHOR BRONZE 0.25T	
B	SHELL	1	PHOSPHOR BRONZE 0.2T	Ni 60u"Min.
A	BODY	1	HIGH TEMP.THERMOPLASTIC UL 94V-0	BLACK

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	Swina	PART NO. 2SJ1012-017111F		
CHKD	Bruce	SCALE:4:1	UNIT: mm	
APVD	Lussen	SIZE: A3	SHEET:1 OF 1	REV: A

CUSTOMER COPY

文件編號 RD-06-043-A