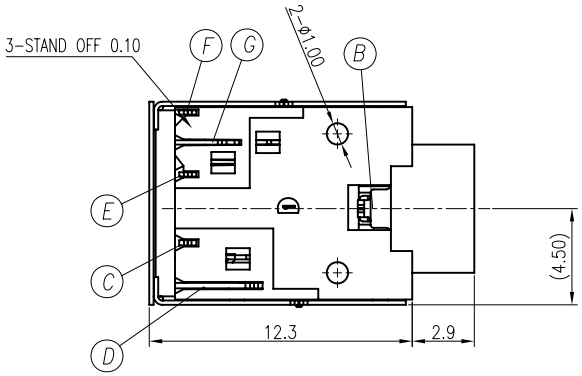
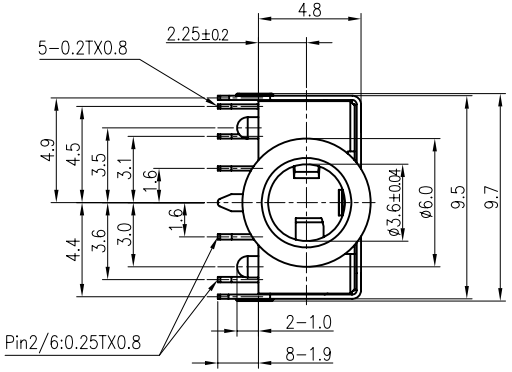
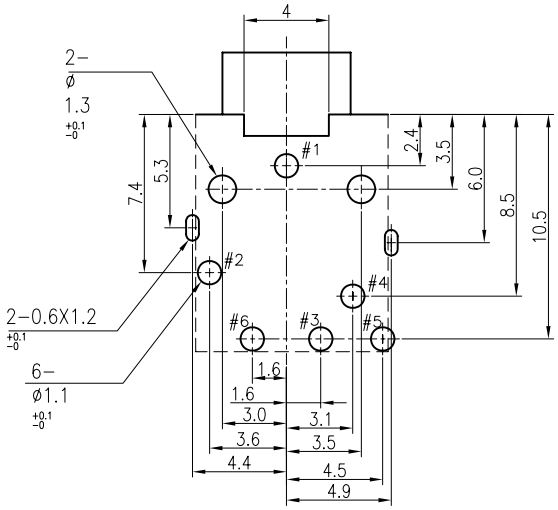
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PRODUCT RELEASE	BILLY	2012.05.28

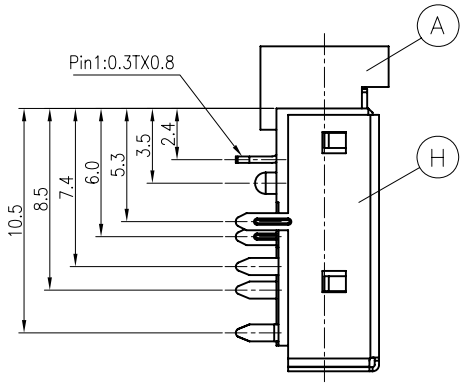


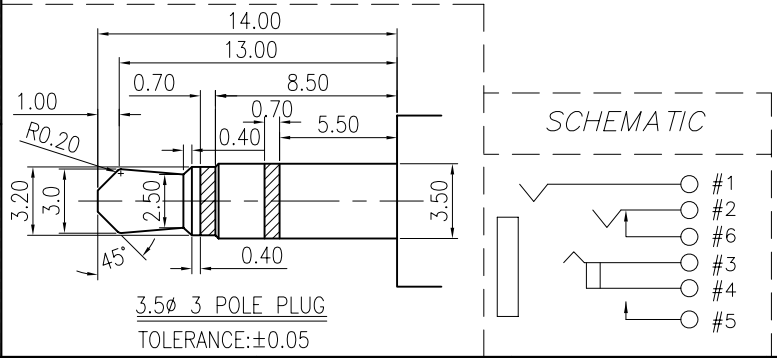




RECOMMENDED P.C.B LAYOUT

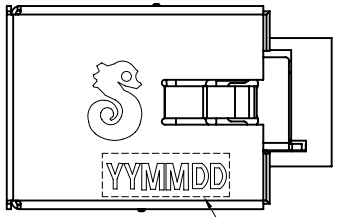
TOP VIEW (Tolerance:±0.05)





3.5ø 3 POLE PLUG

TOLERANCE:±0.05



DATE CODE

SPECIFICATIONS:

1. ELECTRICAL CHARACTERISTICS:
   - 1-1. RATING: 12V 1A
   - 1-2. CONTACT RESISTANCE: 30m? MAX.(INITIAL)
     AFTER LIFE TEST, CONTACT RESISTANCE: 60m ? MAX.
   - 1-3. DIELECTRIC WITHSTANDING VOLTAGE: 500V AC FOR ONE MINUTE.
   - 1-4. INSULATION RESISTANCE: 100M? MIN. MEASURED BY 500 VDC
     AFTER HUMIDITY TEST, INSULATION RESISTANCE:50M ? MIN.
2. MECHANICAL CHARACTERISTICS:
   - 2-1. INSERTION FORCE : 0.4~3.0 KGF
   - 2-2. WITHDRAWAL FORCE : 0.2~2KGF
3. LIFE TEST: 5,000 CYCLES MIN.
4. OTHER GENERAL SPEC. TO REFER "3.5ø Audio Jack SPEC".
5. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
6. HALOGEN FREE PRODUCT IDENTIFICATION MARK ON JACK: ◎
7. HALOGEN FREE PRODUCT IDENTIFICATION LABEL ON PACKAGING:
8. FOR REFLOW SOLDERING LEAD-FREE PROCESS.
9. PACKAGING: TAPE & REEL

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
H	SHIELDING	1	PHOSPHOR BRONZE 0.2t	Nickel Plated
G	TRANSFER TERMINAL	1	PHOSPHOR BRONZE 0.2t	Gold flash On Contact Area, Matte Tin Plated On Solder tail, All over Nickel Plated
F	BREAK TERMINAL	1	PHOSPHOR BRONZE 0.2t	
E	RING SPRING	1	PHOSPHOR BRONZE 0.2t	
D	TIP SPRING	1	PHOSPHOR BRONZE 0.25t	
C	SHUNT TERMINAL-A	1	BRASS 0.25t	Gold flash All over Nickel Plated
B	EARTH	1	COPPER ALLOY 0.3t	
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	3.5ø PHONE JACK			
DWN	BILLY 2012.05.28	PART NO. 2SJ-S351-088F		
CHKD	ZJZ 2012.05.28	SCALE 5:1	UNIT: mm	
APVD	LIAO 2012.05.28	SIZE: A3	SHEET:1 OF 1	REV: A

CUSTOMER COPY

文件編號: RD-06-043-A