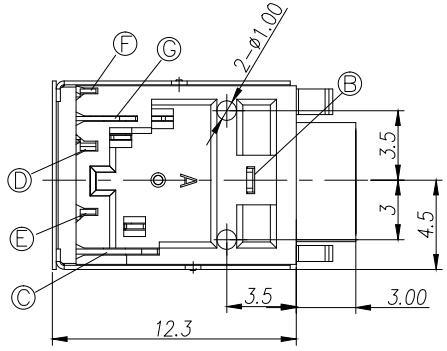
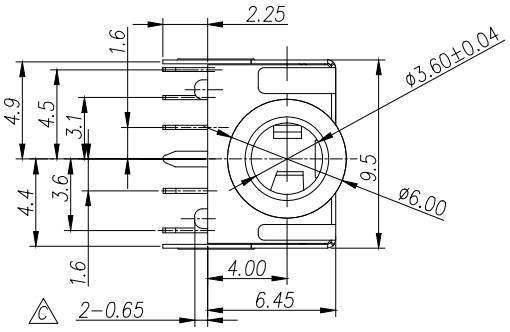
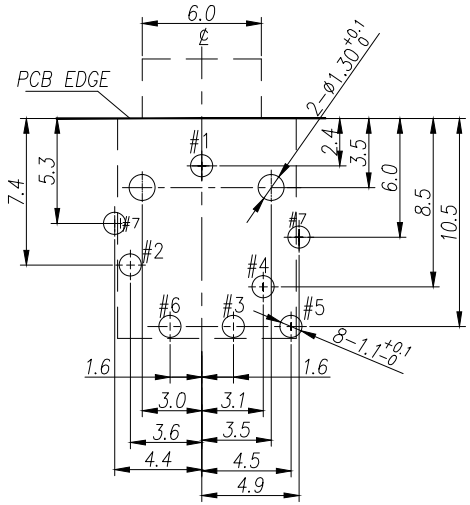
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR:T111123-5A	Bruce	2012.03.02
B	ECN NO:S180142-C	Xinzhi	2018.02.08
C	ECN NO:S190743-M △C	Xinzhi	2020.01.10

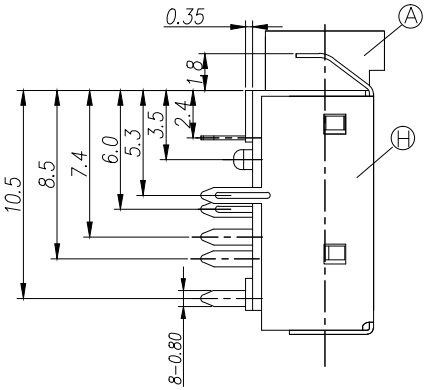


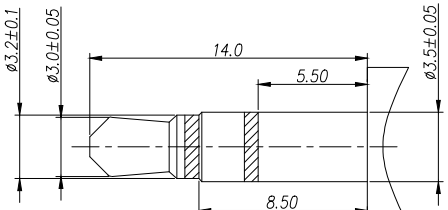




RECOMMENDED PCB LAYOUT(TOP VIEW)

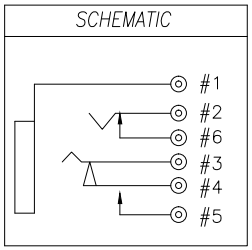
(TOLERANCE: ±0.05)

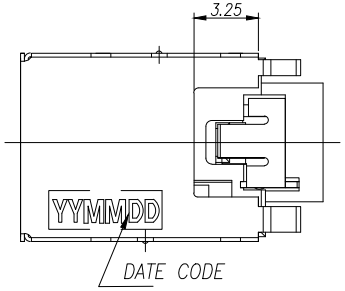




RECOMMENDED PLUG

3-POLE





SPECIFICATIONS:

1. ELECTRICAL CHARACTERISTICS:
   - 1-1. RATING: 12V 1A
   - 1-2. CONTACT RESISTANCE: 30mΩMAX.(INITIAL)
   - 1-3. DIELECTRIC WITHSTANDING VOLTAGE: 500V AC FOR ONE MINUTE
   - 1-4. INSULATION RESISTANCE: 100MΩMIN. MEASURED BY 500 VDC
2. MECHANICAL CHARACTERISTICS:
   - 2-1. INSERTION FORCE :0.3~3.0 KGF
   - 2-2. WITHDRAWAL FORCE : 0.3~3.0KGF
3. LIFE TEST: 5,000 CYCLES MIN.
4. OTHER GENERAL SPEC. TO REFER "2.5 3.5 PHONE JACK-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.

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
H	SHIELDING	1	COPPER ALLOY 0.2T	Ni 60u"
G	TRANSFER TERMINAL	1	COPPER ALLOY 0.2T	GOLD FLASH ON CONTACT AREA Sn 120u" ON SOLDER TAIL ALL OVER Ni 60u"
F	BREAK TERMINAL	1	COPPER ALLOY 0.2T	
E	SHUNT TERMINAL-A	1	BRASS 0.2T	GOLD FLASH ON CONTACT AREA & SOLDER TAIL ALL OVER Ni 60u"
D	RING SPRING	1	COPPER ALLOY 0.2T	Au30u" ON CONTACT AREA Matt Sn 120u" ON SOLDER TAIL ALL OVER 50u" NICKET PLATING.
C	TIP SPRING	1	COPPER ALLOY 0.25T	Au30u" ON CONTACT AREA Sn 120u" ON SOLDER TAIL ALL OVER 50u" NICKET PLATING.
B	EARTH	1	COPPER ALLOY 0.3T	Au30u" ON CONTACT AREA GOLD FLASH ON SOLDER TAIL ALL OVER 50u" NICKET PLATING.
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 AUDIO JACK			
DWN	Xinzhi	PART NO.2SJ-B351-S49F		
CHKD	Bruce	SCALE:1:1	UNIT: mm	
APVD	Liao	SIZE: A3	SHEET:1 OF 1	REV:C

CUSTOMER COPY

文件編號 RD-06-043-A