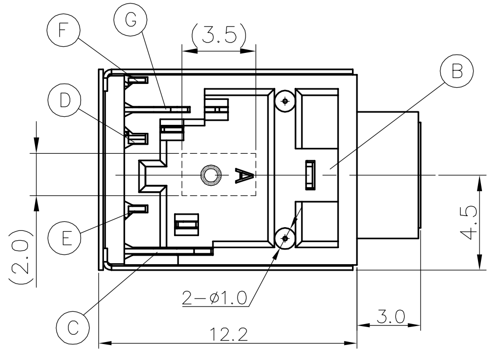
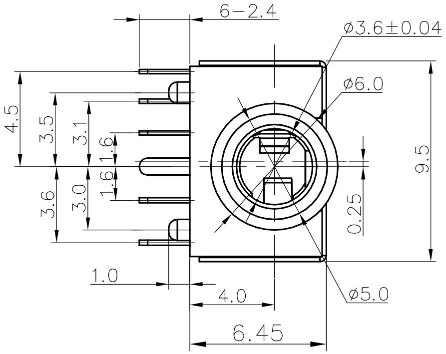
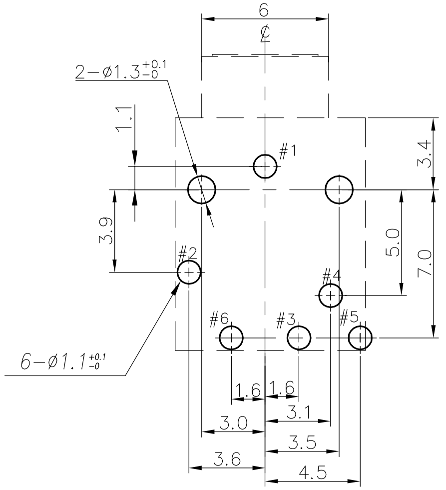
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR NO.:T130820-4A PDR NO.:T130820-4B	MARS	2014.01.17





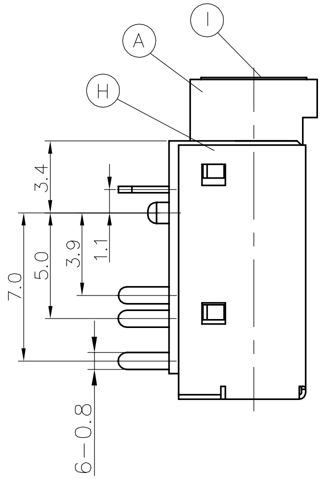
SPECIFICATIONS:

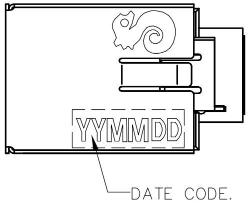
1. ELECTRICAL CHARACTERISTICS:
   - 1-1. RATING: 12V 1A
   - 1-2. CONTACT RESISTANCE: 30mΩ MAX.(INITIAL)
   - 1-3. DIELECTRIC WITHSTANDING VOLTAGE: 500V AC FOR ONE MINUTE
   - 1-4. INSULATION RESISTANCE: 100MΩ MIN. MEASURED BY 500 VDC
2. MECHANICAL CHARACTERISTICS:
   - 2-1. INSERTION FORCE :0.4~3.0 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.



RECOMMENDED PCB LAYOUT

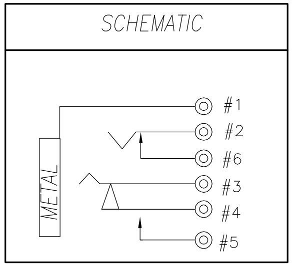
TOP VIEW (TOL.±0.05)

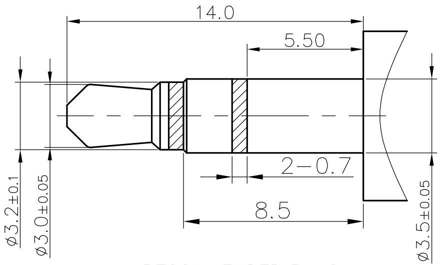




"TABLE 1"

P/N:	COLOR
2SJ-B351-S59F	PINK
2SJ-B351-S60F	LIME





RECOMMENDED PLUG

3-POLE

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
I	METAL	1	BRASS	Ni 60u"
H	SHIELDING	1	COPPER ALLOY 0.2T	
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 ALL OVER 50u" Ni(可焊鎳) Min:
D	RING SPRING	1	COPPER ALLOY 0.2T	GOLD FLASH ON CONTACT AREA Sn 120u" ON SOLDER TAIL ALL OVER Ni 50u"
C	TIP SPRING	1	COPPER ALLOY 0.25T	Ag 20u"Min OVER Ni 40~80u"
B	EARTH	1	COPPER ALLOY 0.3T	
A	BODY	1	HIGH TEMP.THERMOPLASTIC UL 94V-0	SEE "TABLE 1"

UNLESS OTHERWISE
SPECIFED TOLERANCES

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

DECIMALS:		ANGLES:	
X	:±0.5	X	:±2°
X.X	:±0.3	X.X	:±1°
X.XX	:±0.2		

TITLE	3.5ø PHONE JACK		
DWN	MARS	PART NO. 2SJ-B351-SXXF	
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