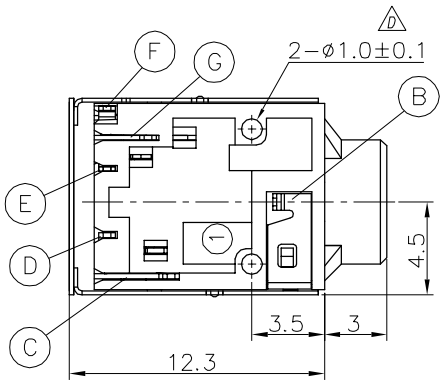
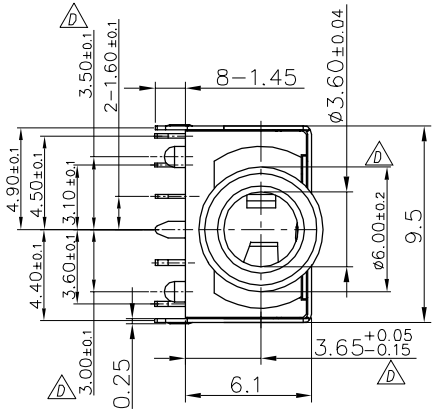
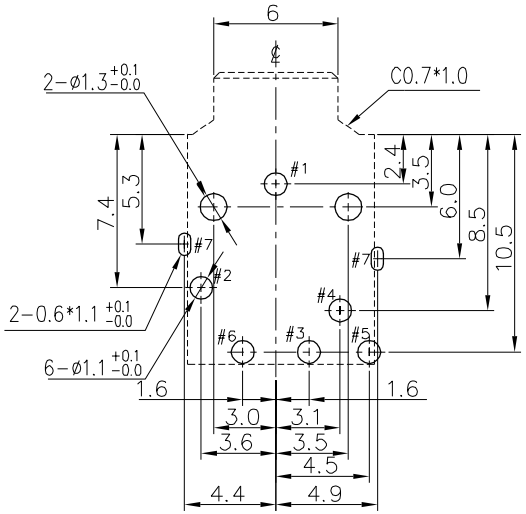
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	ECN NO.S100726	Cerry	2011.01.05
B	ECN NO.S110356	Soldier	2011.03.31
C	ECN NO.S140845	ANDY	2014.12.17
D	ECN NO.S160852-C △D	JIE-FU	2016.10.18



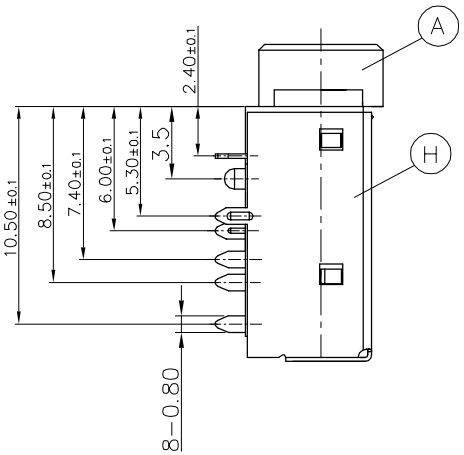


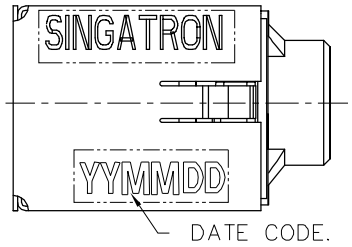
SPECIFICATIONS :

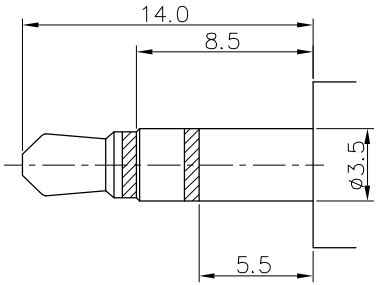
1. INSULATION RESISTANCE BETWEEN ANY ADJACENT OPEN CIRCUIT TERMINAL SHELL NOT BE LESS THAN 100MΩ MEASURED BY 500 VDC MEGGER.
2. CONTACT RESISTANCE : 30mΩ MAX.
3. INSULATION VOLTAGE WITHSTAND : 500V AC FOR ONE MINUTE.
4. UNLESS OTHERWISE SPECIFIED. TEST IS TO BE MADE AT 5-35°C IN TEMPERATURE AND 45-85% 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 - 3Kg.
7. WITHDRAWAL FORCE : 0.3 - 2Kg.
8. AFTER LIFE TEST, CONTACT RESISTANCE: 50mΩ MAX.
9. AFTER HUMIDITY TEST, INSULATION RESISTANCE : 50MΩ MIN.
10. METAL,EARTH AND SHIELDING MUST BE CONDUCT.
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. FOR LEAD-FREE PROCESS.



RECOMMEND PCB LAYOUT
TOP VIEW(TOL.±0.05)

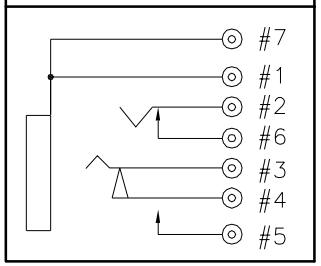






RECOMMEND PLUG
3-POLE

SCHEMATIC



NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
H	SHIELDING	1	PHOSPHOR BRONZE 0.2t	Ni 60u"
G	TRANSFER TERMINAL	1	PHOSPHOR BRONZE 0.2t	GOLD FLASH ON CONTACT AREA
F	BREAK TERMINAL	1	PHOSPHOR BRONZE 0.2t	120u" Sn ON SOLDER AREA ALL OVER 50u" Ni.
E	RING SPRING	1	PHOSPHOR BRONZE 0.2t	
D	SHUNT TERMINAL-A	1	BRASS 0.25t	GOLD FLASH ON CONTACT AREA OVER 50u" Ni.
C	TIP SPRING	1	PHOSPHOR BRONZE 0.25t	Ag20u"Min OVER Ni20u"Min.
B	EARTH	1	PHOSPHOR BRONZE 0.2t	
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	JIE-FU	PART NO.2SJ-S351-025		
CHKD	CERRY	SCALE:4:1	UNIT: mm	
APVD	LUSSEN	SIZE: A3	SHEET:1 OF 1	REV:D

CUSTOMER COPY

文件編號 RD-06-043-A