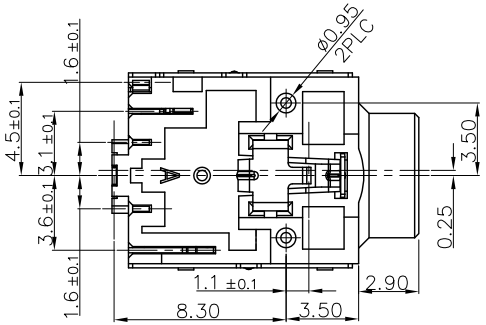
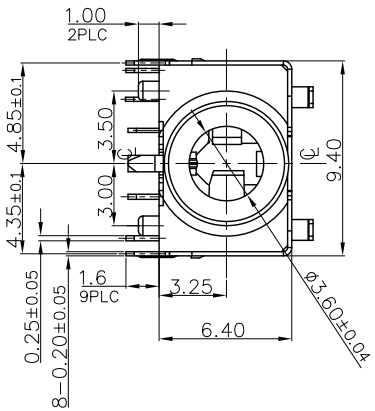
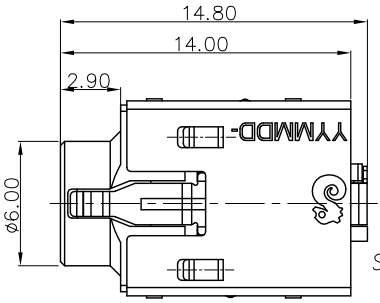
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR: T100709-2A	BRUCE	2010.11.22
B	ECN NO: S130130	Cerry	2013.03.27
C	ECN NO: S140845	ANDY	2014.12.18

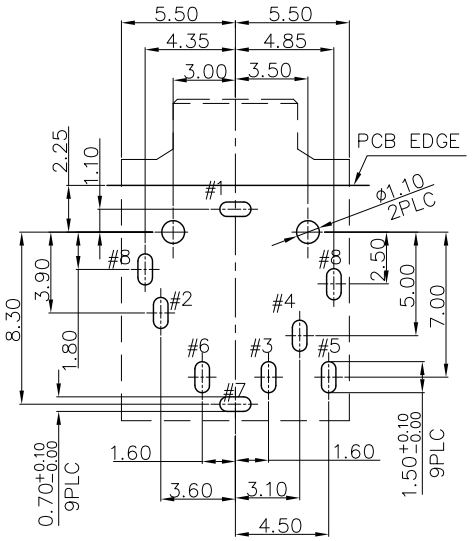




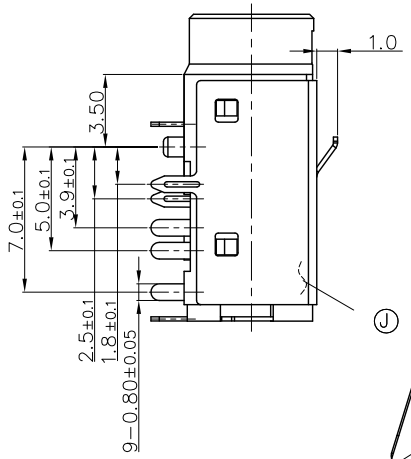


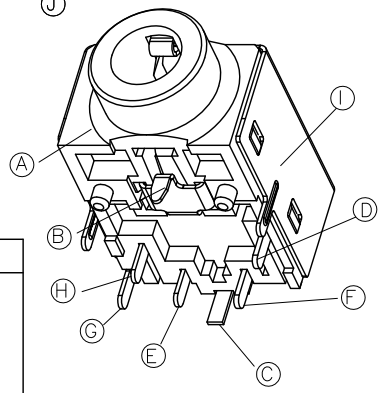
SPECIFICATIONS:

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 : 0.3~3.0 KGF
   - 2-2. WITHDRAWAL FORCE : 0.2~3.0 KGF
3. LIFE TEST: 5,000 CYCLES MIN.
4. OTHER GENERAL SPEC. TO REFER "SINGATRON ø2.5 ø3.5 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 LOGO ON PACKAGING:
8. FOR REFLOW SOLDERING LEAD-FREE PROCESS.

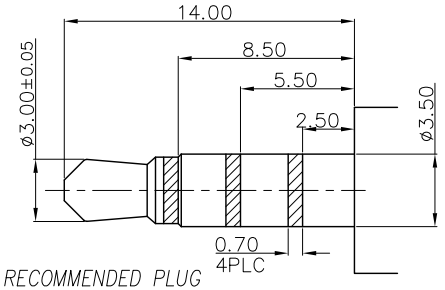


RECOMMENDED PCB LAYOUT(TOP VIEW)
(TOLERANCE: ±0.05)

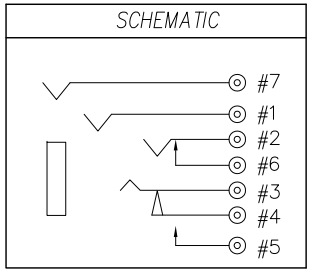




3D VIEW



RECOMMENDED PLUG
4-POLE(TOL :±0.05)



NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
J	MYLAR	1	T=0.40mm.	N/A
I	SHIELDING	1	PHOSPHOR BRONZE 0.2t	Ni 60u" MIN.
H	TRANSFER TERMINAL	1	PHOSPHOR BRONZE 0.2t	120u" Sn ON SOLDER GOLD FLASH ON CONTACT AREA ALL OVER 50u" Ni.
G	BREAK TERMINAL	1	PHOSPHOR BRONZE 0.2t	
F	SHUNT TERMINAL-A	1	BRASS 0.25t	GOLD FLASHON CONTACT AREA OVER 50u" Ni.
E	RING-B	1	PHOSPHOR BRONZE 0.2t	120u" Sn ON SOLDER Au 5u" ON CONTACT AREA ALL OVER 50u" Ni.
D	TIP SPRING	1	PHOSPHOR BRONZE 0.25t	
C	EARTH-A	1	PHOSPHOR BRONZE 0.2t	
B	RING-A	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	ø3.50 AUDIO JACK			
DWN	ANDY	PART NO. 2SJ3020-003111		
CHKD	CERRY	SCALE: 4:1	UNIT: mm	
APVD	LIAO	SIZE: A3	SHEET: 1 OF 1	REV: C

CUSTOMER COPY

文件編號 RD-06-043-A