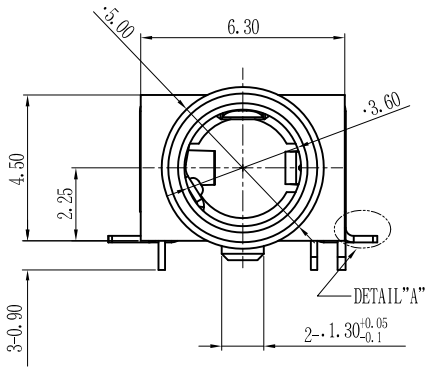
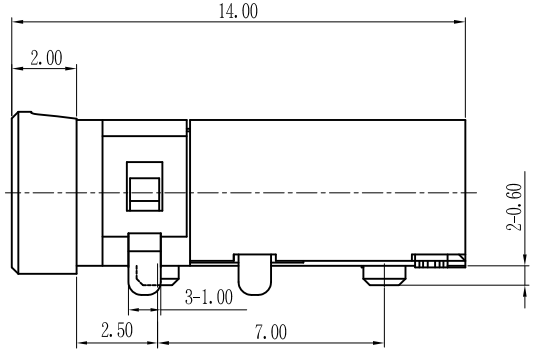
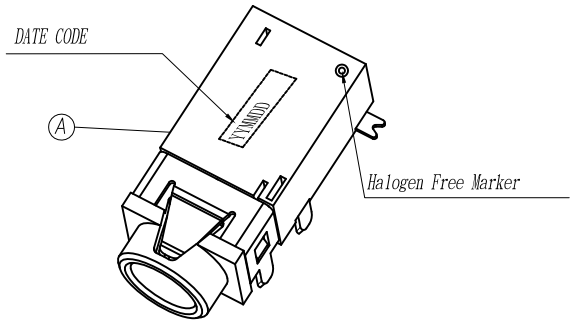
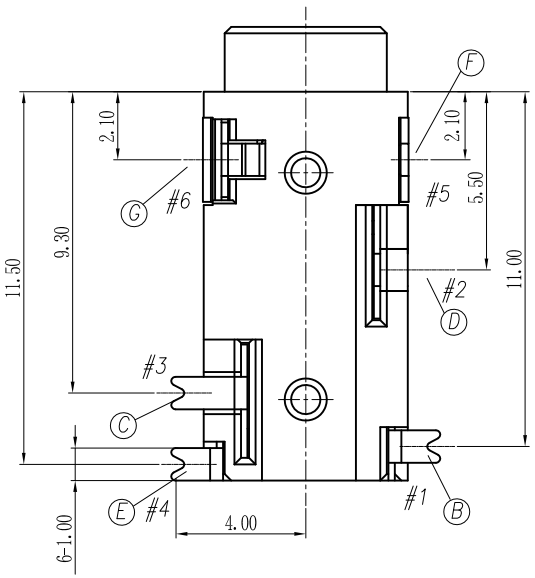
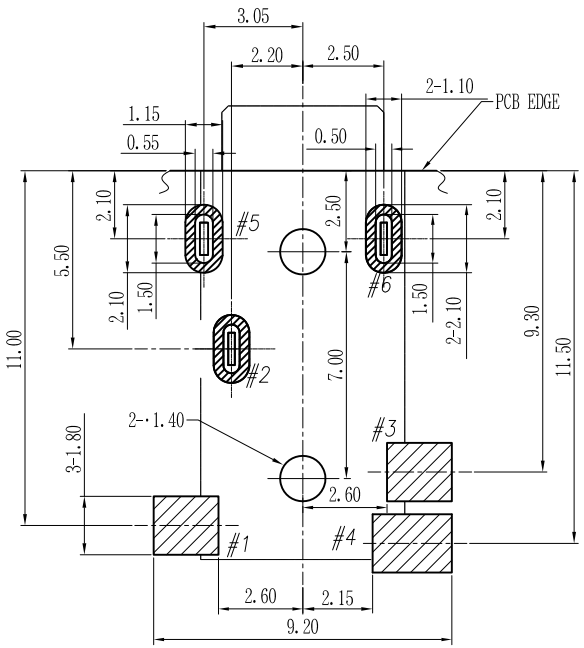
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	INITIAL RELEASE	HARVEY	2009.07.28









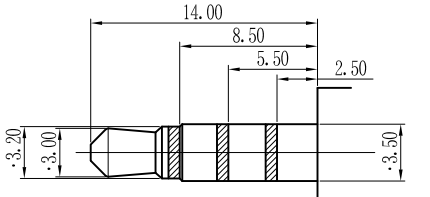


RECOMMENDED PCB LAYOUT
TOP VIEW (TOLERANCE: ±0.05)

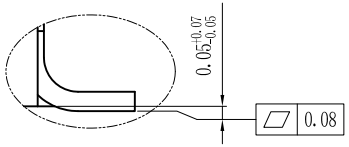
SPECIFICATIONS:

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 : 0.3~3.0 KGF
3. LIFE TEST: 5,000 CYCLES MIN.
4. OTHER GENERAL SPEC. TO REFER "2SJ2296 SERIES SPEC".
5. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
6. HALOGEN FREE IDENTIFICATION MARK ON JACK:
7. HALOGEN FREE IDENTIFICATION LABEL ON PACKING:
8. FOR REFLOW SOLDERING LEAD-FREE PROCESS.

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
G	RING-B	1	COPPER ALLOY 0.2t	GOLD FLASH
F	EARTH	1	COPPER ALLOY 0.25t	GOLD FLASH
E	TIP SPRING	1	COPPER ALLOY 0.2t	GOLD FLASH
D	SHUNT-B	1	COPPER ALLOY 0.2t	GOLD FLASH
C	SHUNT-A	1	COPPER ALLOY 0.2t	GOLD FLASH
B	RING-A	1	COPPER ALLOY 0.2t	GOLD FLASH
A	BODY	1	HIGH TEMP. THERMOPLASTIC UL94-V0	BLACK COLOR

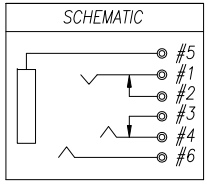


MATING PLUG (1/2 SCALE)
ϕ3.5 4-POLE STANDARD PLUG(TOL:±0.05)



DETAIL"A"
(3 SCALE)

SCHEMATIC



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	ϕ3.5 PHONE JACK		
DWN	harvey	PART NO. 2SJ2296-001213	
CHKD		SCALE 6 :1	UNIT: mm
APVD	Winkan 10.12.29	SIZE: A3	SHEET: 1OF1
			REV: A

CUSTOMER COPY

文件編號 RD-06-043-A