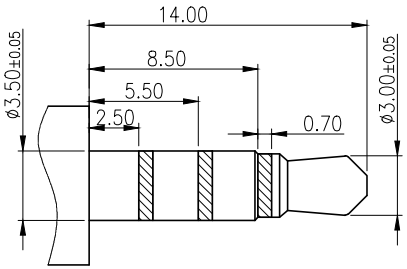
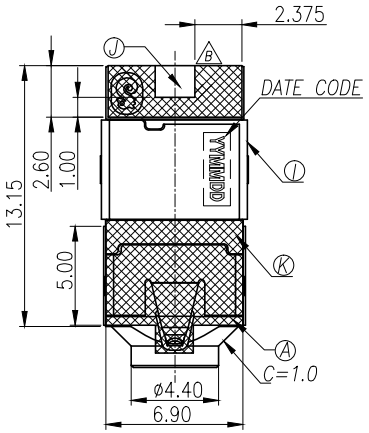
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR NO:T150602-2A	ROBIN	2015.08.31
B	ECN NO:S160222-C (B)	YUREN	2016.05.09

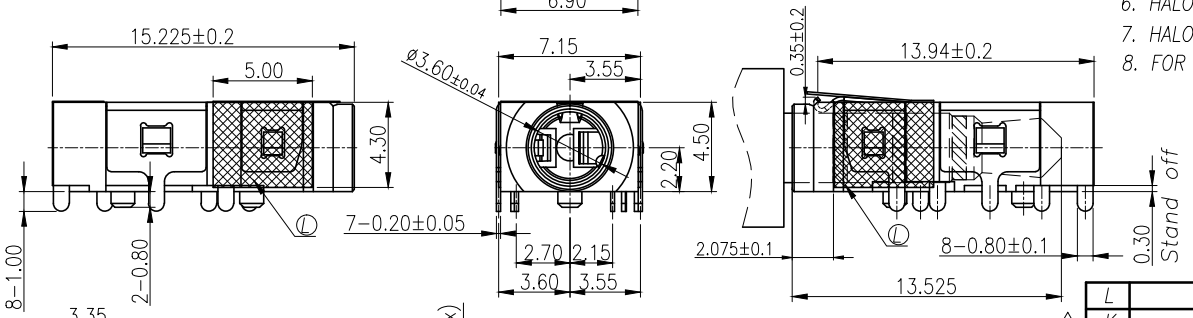


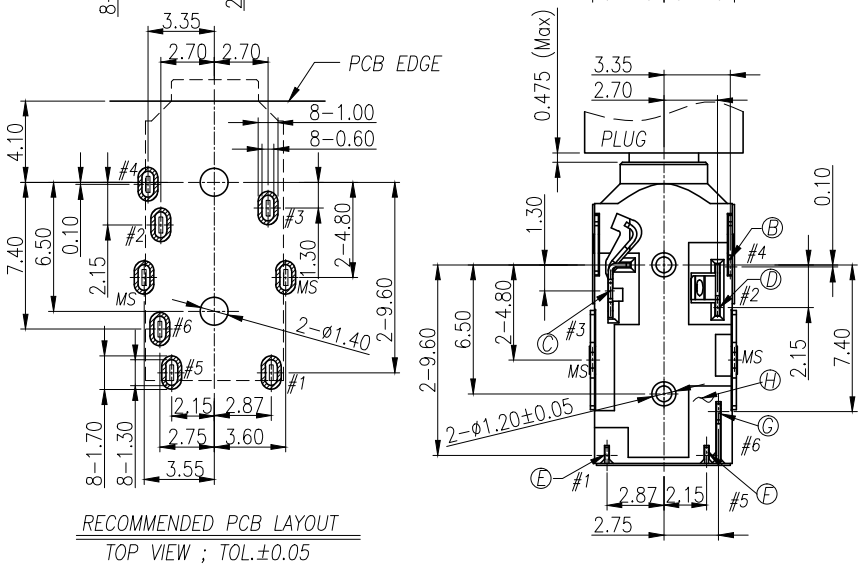
RECOMMENDED PLUG
ø3.5 4-POLE STANDARD PLUG



SPECIFICATIONS:

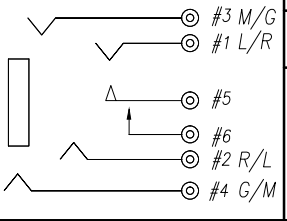
1. ELECTRICAL CHARACTERISTICS:
   - 1-1. RATING: 12V 1A
   - 1-2. CONTACT RESISTANCE: 30mΩ MAX.(INITIAL)
   - 1-3. DIELECTRIC WITHSTANDING VOLTAGE: 500V AC FOR ONE MINUTE.
   - 1-4. INSULATION RESISTANCE: 100MΩ MIN. MEASURED BY 500V DC
2. MECHANICAL CHARACTERISTICS:
   - 2-1. INSERTION FORCE : 0.3~3.0 KGF
   - 2-2. WITHDRAWAL FORCE : 0.3~3.0 KGF
3. LIFE TEST: 5,000 CYCLES MIN.
4. OTHER GENERAL SPEC. TO REFER "2SJ3072 SERIES 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 ; TOL.±0.05

SCHEMATIC



NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
L	MYLAR-3	2	0.10 T	BROWN
K	MYLAR-2	1	0.05 T	YELLOW
J	MYLAR-1	1	0.05 T	YELLOW
I	SHELL	1	C5210-EH 0.2T	Ni 60uin Min
H	SEPARATOR	1	LCP E130i+30%GF UL 94V-0	BLACK
G	MAKE TERMINAL	1	C5210-EH 0.2T	GOLD FLASH ON CONTACT AREA, GOLD FLASH ON SOLDER TAIL; ALL OVER Ni 50 u" Min.
F	TRANSFER TERMINAL	1	C5210-EH 0.2T	
E	TIP SPRING	1	C5210-EH 0.2T	
D	RING-A	1	C5210-EH 0.2T	
C	RING-B	1	C5210-EH 0.2T	
B	EARTH	1	C5210-EH 0.2T	
A	BODY	1	PA4T-30%GF TIITX1 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	YUREN	PART NO.2SJ3072-111111F		
CHKD	CERRY	SCALE 1:1	UNIT: mm	
APVD	LIAO	SIZE: A3	SHEET:1 OF 1	REV:B

CUSTOMER COPY

文件編號 RD-06-043-A