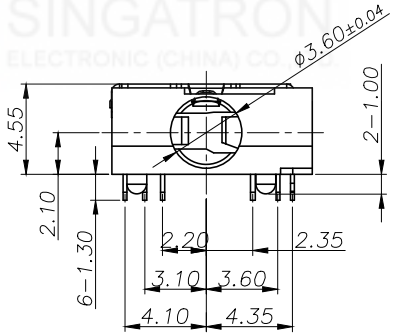
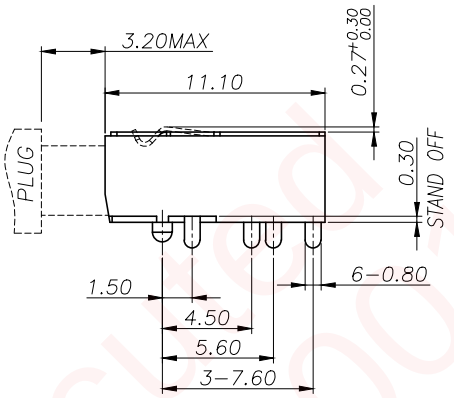
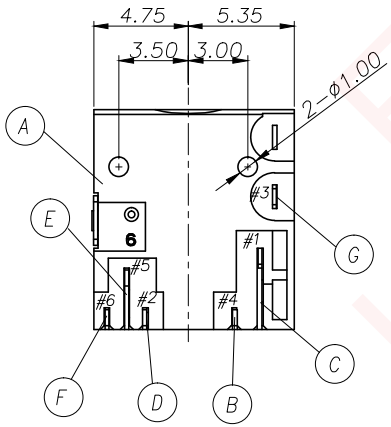
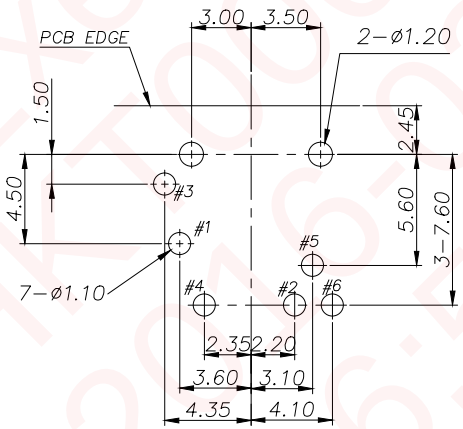
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR NO.T140923-3A	Kevin	2014.11.18
B	ECN NO.S151266-R (B)	JIE-FU	2016.01.26

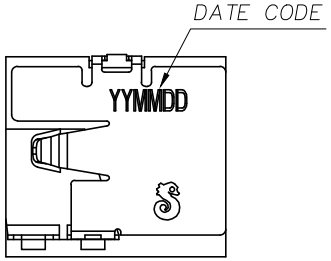


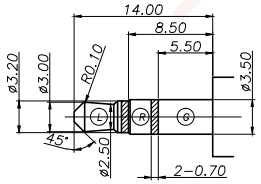






RECOMMENDED PCB LAYOUT
TOP VIEW (TOLERANCE: ±0.05)



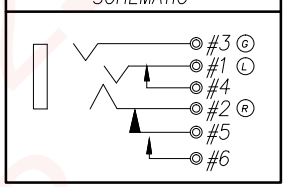


MATING PLUG (SCALE 2:1)
TOLERANCE: ±0.05

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 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 "2SJ3005 SERIES SPEC".
5. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
6. HALOGEN FREE PRODUCT IDENTIFICATION MARK ON JACK:
7. HALOGEN FREE PRODUCT IDENTIFICATION LABEL ON PACKAGING:
8. FOR REFLOW SOLDERING LEAD-FREE PROCESS.

SCHEMATIC



NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
G	SHELL	1	PHOSPHOR BRONZE 0.2T	MATTE Sn 120u" ON SOLDER AREA OVER Ni 50u" Min.
F	BREAK TERMINAL	1	PHOSPHOR BRONZE 0.2T	GOLD FLASH ON CONTACT AREA; MATTE Sn 120u" ON SOLDER AREA; ALL OVER Ni 50u" MIN.
E	TRANSFER TERMINAL	1	PHOSPHOR BRONZE 0.2T	
D	RING SPRING	1	PHOSPHOR BRONZE 0.2T	
C	TIP SPRING	1	PHOSPHOR BRONZE 0.25T	GOLD FLASH OVER Ni 50u" Min.
B	SHUNT TERMINAL-A	1	BRASS 0.25T (B)	
A	BODY	1	PA4T+30%GF 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. 2SJ3005-037111F		
CHKD	CERRY	SCALE:4:1	UNIT: mm	
APVD	LUSSEN	SIZE: A3	SHEET:1 OF 1	REV: B

CUSTOMER COPY

文件編號: RD-06-043-A