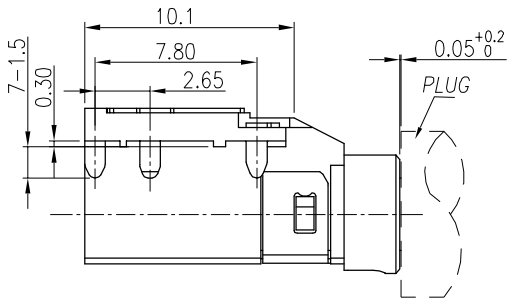
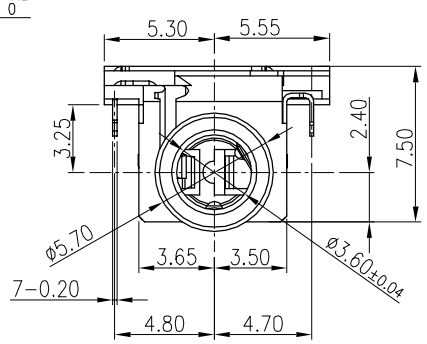
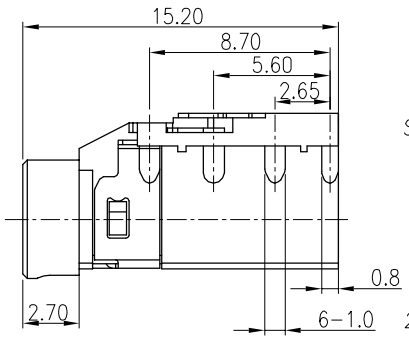
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR NO: T180622-2A&B	RAINY	2019.04.12

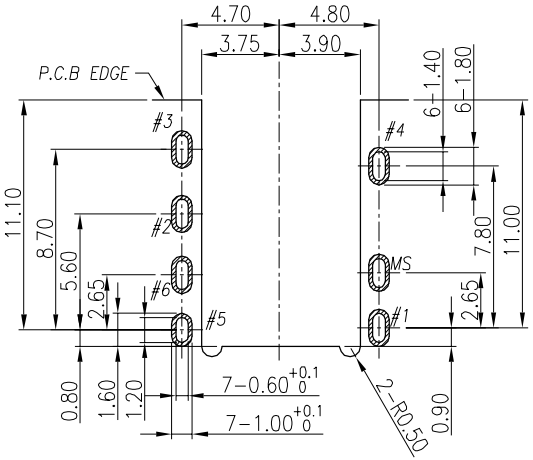






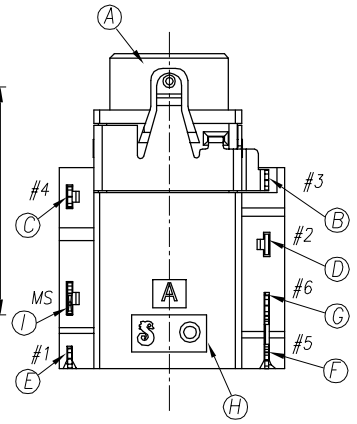
SPECIFICATIONS:

1. ELECTRICAL CHARACTERISTICS:
   - 1-1. RATING: 12V 1A
   - 1-2. CONTACT RESISTANCE: 50mΩ 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. INITIAL:INSERTION FORCE: 0.8 – 3.0Kgf.
     WITHDRAWAL FORCE: 0.6 – 1.8Kgf.
   - 2-2. AFTER 2000 TIMES
     INSERTION FORCE: 2.5Kgf Max.
     WITHDRAWAL FORCE: 0.5Kgf Min.
3. LIFE TEST: 2,000 CYCLES .
   AFTER LIFE TEST, CONTACT RESISTANCE: 120mΩ MAX.
4. PACKAGING : TAPE & REEL.
5. AFTER HUMIDITY TEST, INSULATION RESISTANCE: 50MΩ MIN.
6. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
7. HALOGEN FREE PRODUCT IDENTIFICATION MARK ON PRODUCT:
8. HALOGEN FREE PRODUCT IDENTIFICATION LOGO ON PACKAGING:
9. FOR REFLOW SOLDERING LEAD-FREE PROCESS.



RECOMMENDED PCB LAYOUT

TOP VIEW ; TOL.±0.05



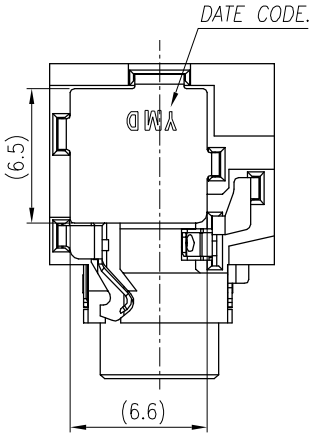
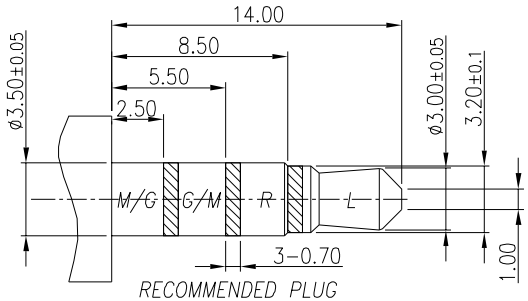


TABLE 1 :

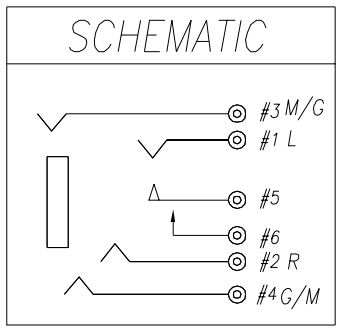
P/N	PLATING SPEC
2SJ3080-130111F	GOLD FLASH ON CONTACT AREA;
2SJ3080-130211F	Au 30u" Min. ON CONTACT AREA



RECOMMENDED PLUG

ø3.5 4-POLE STANDARD PLUG

SCHEMATIC



NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
I	SHELL	1	STAINLESS STEEL 0.2T	Ni 60u"Min.
H	SEPARATOR	1	HIGH TEMP.THERMOPLASTIC UL 94V-0	BLACK
G	MAKE TERMINAL	1	PHOSPHOR BRONZE 0.2T	GOLD FLASH ON CONTACT AREA; GOLD FLASH ON SOLDER AREA; ALL OVER 50u" Ni.
F	TRANSFER TERMINAL	1	PHOSPHOR BRONZE 0.2T	
E	TIP SPRING	1	STAINLESS STEEL 0.2T	GOLD PLATED ON CONTACT AREA; Matte Sn80u" ON SOLDER AREA; ALL OVER 50u" Ni.
D	RING A	1	PHOSPHOR BRONZE 0.2T	GOLD PLATED ON CONTACT AREA; GOLD FLASH OR MATTE TIN ON SOLDER AREA; ALL OVER 50u" Ni.
C	RING B	1	PHOSPHOR BRONZE 0.2T	GOLD PLATED ON CONTACT AREA; GOLD FLASH ON SOLDER AREA; ALL OVER 50u" Ni.
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 AUDIO JACK		
DWN	RAINY	PART NO. 2SJ3080-130X11F	
CHKD	Bruce	SCALE 4:1	UNIT: mm
APVD	LIAO	SIZE: A3	SHEET:1 OF 1 REV: A

CUSTOMER COPY

文件編號: RD-06-043-A