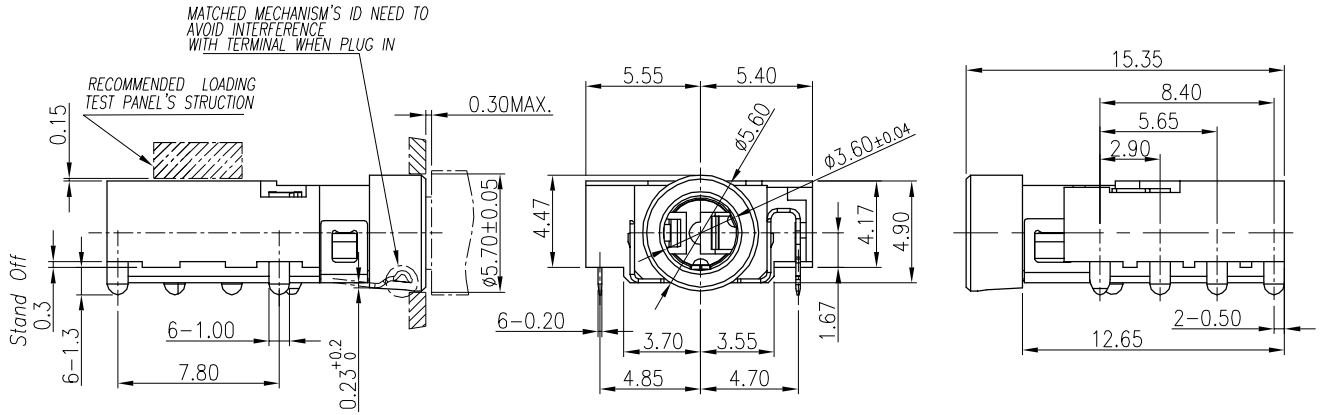
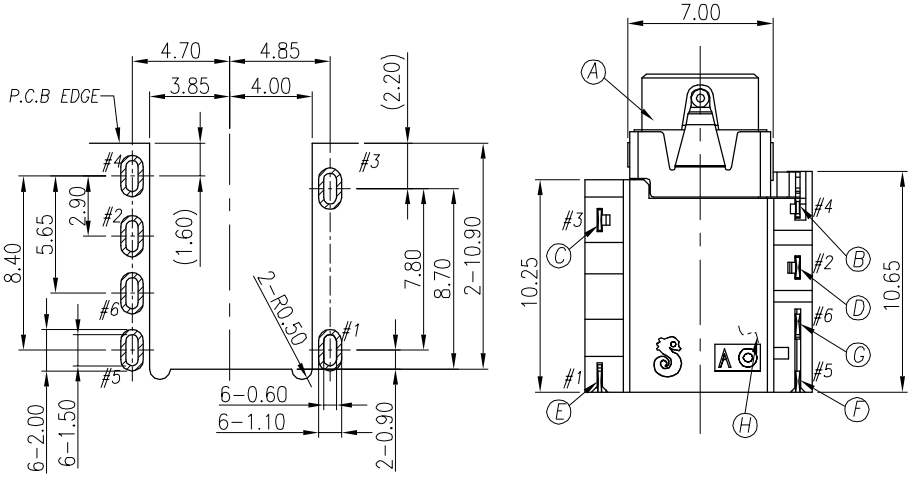
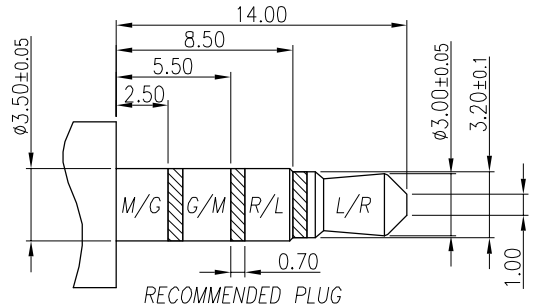
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR NO: T190709-7A/7B	Peng	2019.10.28





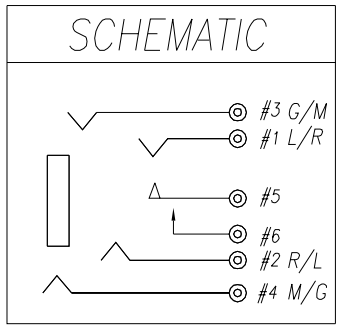
RECOMMENDED PCB LAYOUT

TOP VIEW ; TOL.±0.05



RECOMMENDED PLUG

ø3.5 4-POLE STANDARD PLUG



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. LIFE TEST: 2,000 CYCLES MIN.
   AFTER LIFE TEST, CONTACT RESISTANCE: 100mΩ MAX.
3. MECHANICAL CHARACTERISTICS:
   - 3-1. BEFORE LIFE TEST: INSERTION FORCE: 0.8-3.0 Kgf, EXTRACTION FORCE: 0.6-1.8 Kgf,
   - 3-2. AFTER LIFE TEST: INSERTION FORCE: 2.5 Kgf MAX, EXTRACTION FORCE: 0.5 Kgf MIN,
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 LEAD-FREE PROCESS.
10. PRINTED DATE CODE" YMD= " ON TOP OF CONNECTOR.

TABLE

P/N	PLATING
2SJ3080-139111F	GOLD FLASH ON CONTACT AREA;
2SJ3080-139211F	Au 30u" ON CONTACT AREA;

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
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	GOLD FLASH ON CONTACT AREA; Matte Sn80u" ON SOLDER AREA; ALL OVER 50u" Ni.
E	TIP SPRING	1	STAINLESS STEEL, 0.2t	SEE TABLE ON CONTACT AREA; Matte Sn80u" ON SOLDER AREA; ALL OVER 50u" Ni.
D	RING A	1	PHOSPHOR BRONZE 0.2t	
C	RING B	1	PHOSPHOR BRONZE 0.2t	
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	Peng	PART NO. 2SJ3080-139X11F		
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