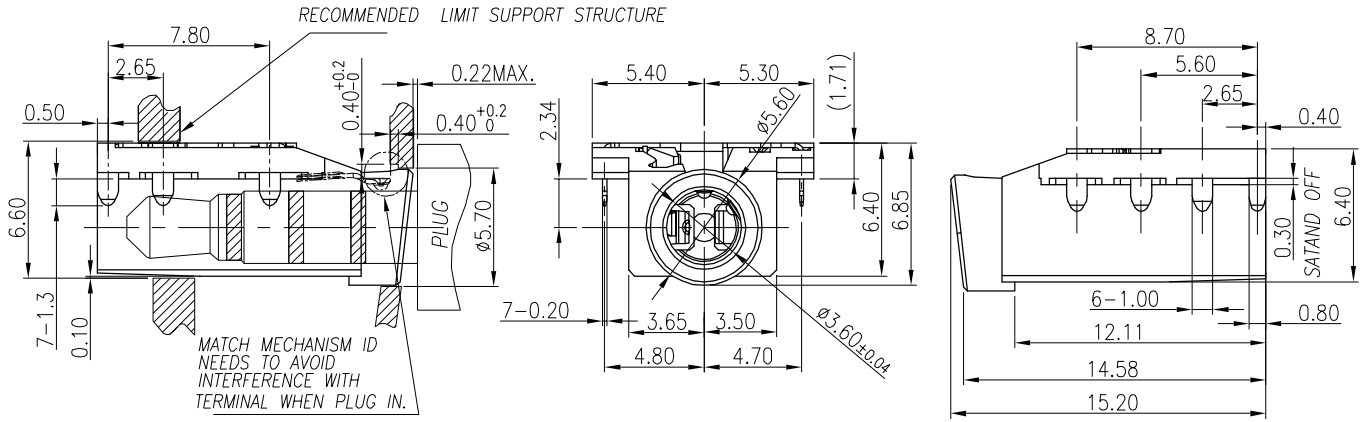
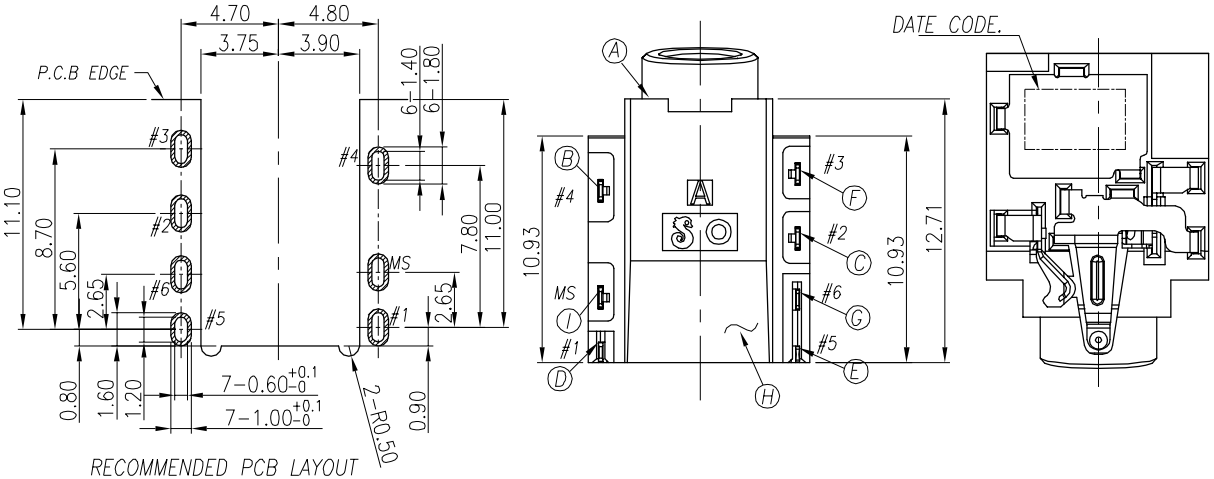
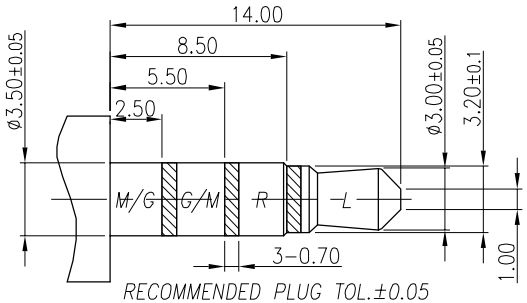
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR NO:T190610-3A&3B	Peng	2020.01.09





RECOMMENDED PCB LAYOUT

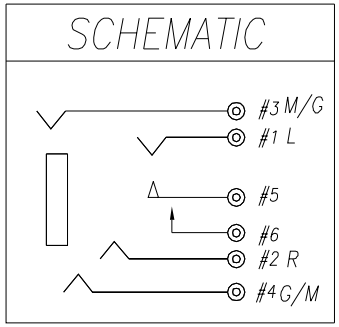
TOP VIEW ; TOL.±0.05



RECOMMENDED PLUG TOL.±0.05

ø3.5 4-POLE STANDARD PLUG

SCHEMATIC



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. INSERTION FORCE: 0.8~3.0Kgf INITIAL ; 2.5 Kgf Max. After THE 2000th
   - 2-2. WITHDRAWAL FORCE: 0.6~1.8Kgf INITIAL; 0.5 Kgf Min. After THE 2000th
3. LIFE TEST: 2,000 CYCLES MIN.
4. AFTER LIFE TEST, CONTACT RESISTANCE: 100mΩ MAX.
5. PACKAGING : TAPE & REEL.
6. MARKING: MARK" S " ON CONNECTOR.
7. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
8. HALOGEN FREE PRODUCT IDENTIFICATION MARK ON PRODUCT:
9. HALOGEN FREE PRODUCT IDENTIFICATION LOGO ON PACKAGING:
10. PRINTED DATE CODE" YMD= " ON TOP OF CONNECTOR.

2SJ3080-135X11F

- 1:G/F
- 2:Au 30u"

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	EARTH	1	PHOSPHOR BRONZE 0.2t	SEE TABLE ON CONTACT AREA; ALL OVER 50u" Ni.
E	TRANSFER TERMINAL	1	PHOSPHOR BRONZE 0.2t	GOLD GLASH ON CONTACT AREA; Matte Sn120u" ON SOLDER AREA ALL OVER 50u" Ni.
D	TIP SPRING	1	STAINLESS STEEL, 0.2t	SEE TABLE ON CONTACT AREA; GOLD FLASH ON SOLDER AREA; ALL OVER 50u" Ni.
C	RING A	1	PHOSPHOR BRONZE 0.2t	SEE TABLE ON CONTACT AREA; Matte Sn120u" ON SOLDER AREA ALL OVER 50u" Ni.
B	RING B	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. 2SJ3080-135X11F		
CHKD	Bruce	SCALE 2:1	UNIT: mm	
APVD	Liao	SIZE: A3	SHEET:1 OF 1	REV: A

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