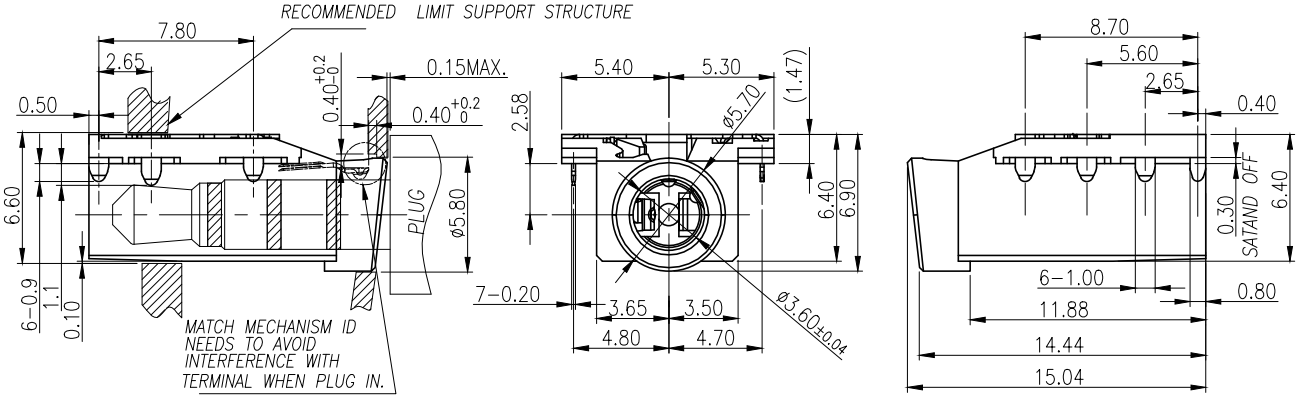
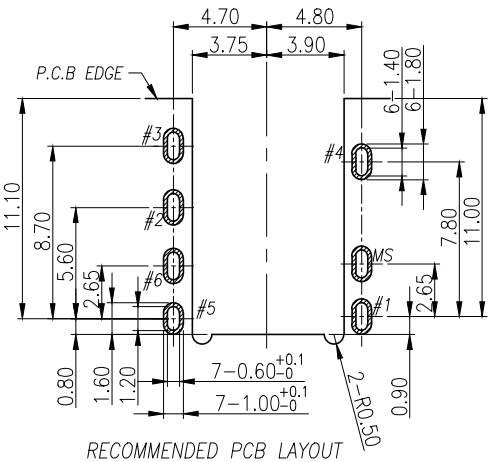
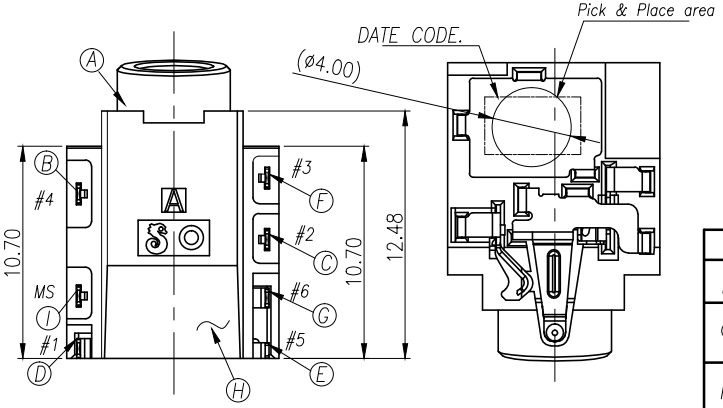
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR NO:T200619-2A/B	Xinzhi	2020.12.22

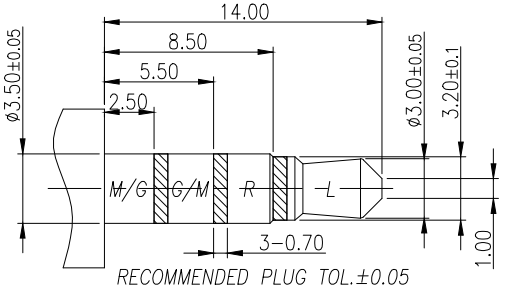




RECOMMENDED PCB LAYOUT

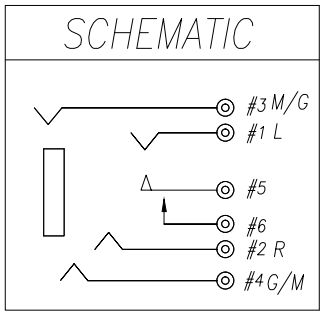
TOP VIEW ; TOL.±0.05





RECOMMENDED PLUG TOL.±0.05

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. MECHANICAL CHARACTERISTICS:
   - 2-1. INSERTION FORCE: 1.0 – 2.5Kgf AFTER THE FIFTN TIME; 2.5 Kgf Max. After THE 2000th
   - 2-2. WITHDRAWAL FORCE: 0.6~1.8Kgf AFTER THE FIFTN TIME; 0.5 Kgf Min. After THE 2000th
3. LIFE TEST: 2,000 CYCLES MIN.
4. AFTER LIFE TEST, CONTACT RESISTANCE: 50mΩ MAX.
5. PACKAGING : TAPE & REEL.
6. MARKING: MARK" " 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.

TABLE 1 :

P/N	PLATING SPEC
2SJ3080-152111F	GOLD FLASH ON CONTACT AREA;
2SJ3080-152211F	Au 30u" Min. ON CONTACT AREA

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
NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR

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	Xinzhi	PART NO. 2SJ3080-152X11F		
CHKD	Bruce	SCALE 2:1	UNIT: mm	
APVD	Liao	SIZE: A3	SHEET:1 OF 1	REV:A

CUSTOMER COPY

文件編號 RD-06-043-A