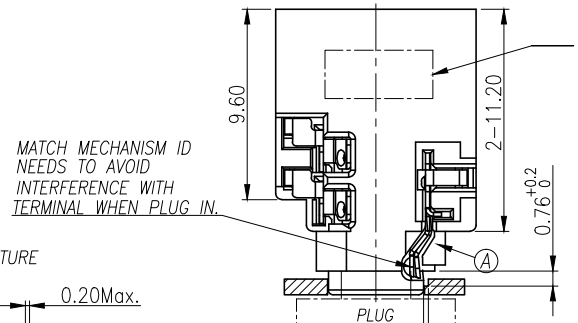
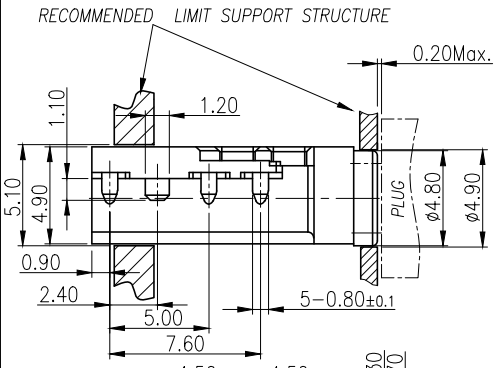
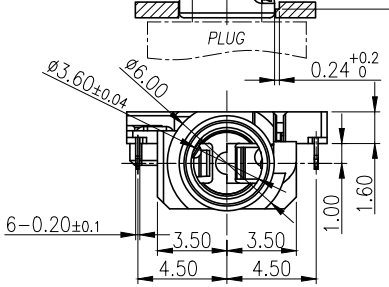
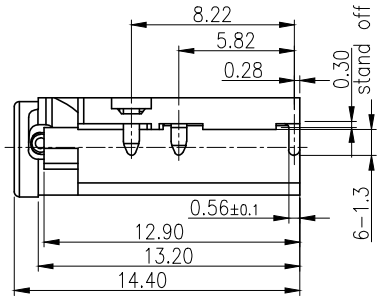
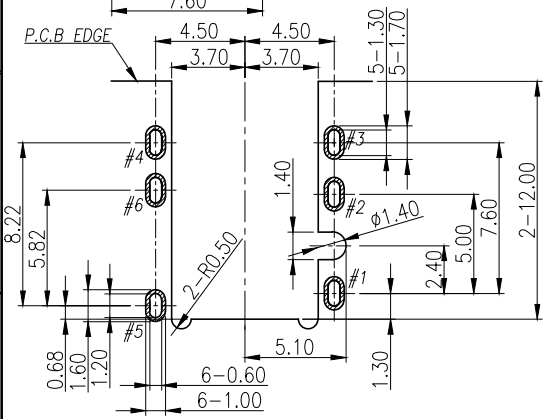
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR NO:T191015-2A/B	Xinzhi	2020.03.19



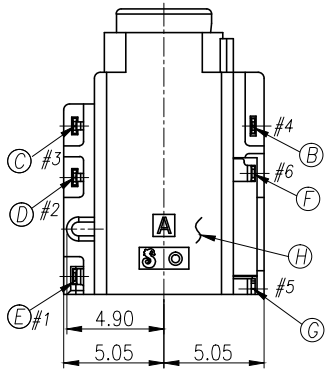


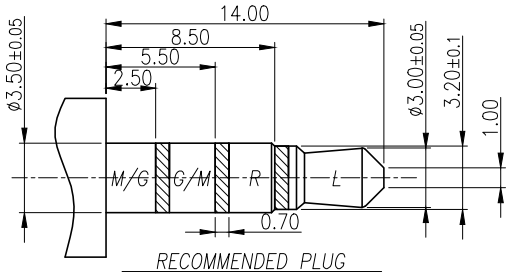






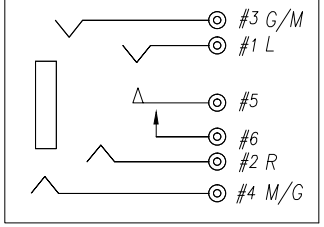
RECOMMENDED PCB LAYOUT
TOP VIEW ; TOL.±0.05





RECOMMENDED PLUG
ø3.5 4-POLE STANDARD PLUG(TOL.±0.05)

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. 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 JACK:
8. HALOGEN FREE PRODUCT IDENTIFICATION LABEL ON PACKAGING:
9. PRINTED DATE CODE" YMD-" ON TOP OF CONNECTOR.
10. PLEASE PUT THE PRODUCT IN A CONDITION WHERE IS FULL OF NITROGEN WHEN PASS THE IR REFLOW

TABLE:
2SJ3160-016X11F
- 1:G/F
- 2:Au 30u"

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
H	SEPARATOR	1	HIGH TEMP.THERMOPLASTIC UL 94V-0	BLACK
G	TRANSFER TERMINAL	1	COPPER ALLOY, 0.2T	GOLD FLASH ON CONTACT AREA; GOLD FLASH ON SOLDER AREA; ALL OVER 50u" Ni.
F	MAKE TERMINAL	1	COPPER ALLOY, 0.2T	GOLD FLASH ON CONTACT AREA, MATTE TIN 120u" ON SOLDER TAIL; ALL OVER Ni 50 u" Min.
E	TIP SPRING	1	STAINLESS STEEL, 0.2t	SEE TABLE ON CONTACT AREA; GOLD FLASH ON SOLDER AREA; ALL OVER 50u" Ni.
D	RING A	1	COPPER ALLOY, 0.2T	
C	RING B	1	COPPER ALLOY, 0.2T	
B	EARTH	1	COPPER ALLOY, 0.2T	
A	BODY	1	HIGH TEMP.THERMOPLASTIC UL 94V-0	PANTONE COOL GRAY 5C

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.2SJ3160-016X11F(1&2)	
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