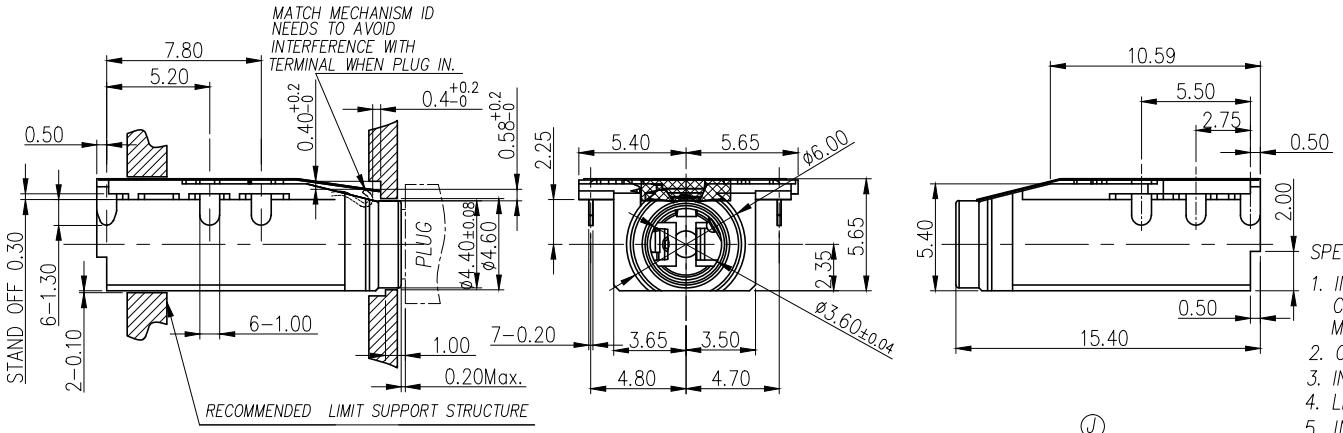
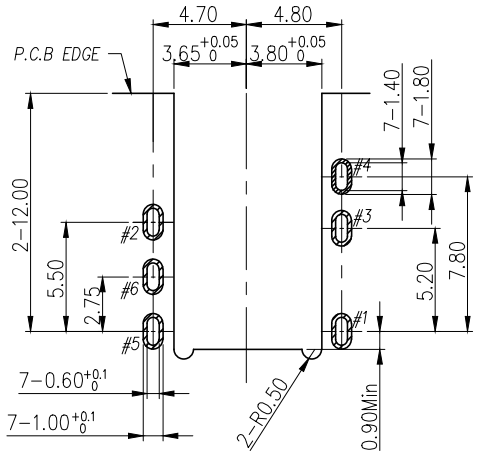
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR NO: T180302-2A~2B	Qing	2018.10.26
B	ECN NO: S190503-C	RAINY	2019.06.04
C	ECN NO: S202003-C34 △C	Xinzhi	2020.05.07



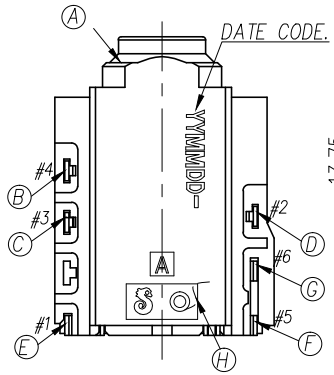
SPECIFICATIONS:

1. INSULATION RESISTANCE BETWEEN ANY ADJACENT OPEN CIRCUIT TERMINAL SHELL NOT BE LESS THAN 100MΩ MEASURED BY 500V DC .
2. CONTACT RESISTANCE: 50mΩ MAX(INITIAL).
3. INSULATION VOLTAGE WITHSTAND: 500V AC FOR ONE MINUTE.
4. LIFE TEST: 2,000 CYCLES MIN.
5. INSERTION FORCE: 0.8~3.0Kgf INITIAL ; 2.5 Kgf Max. After THE 2000th
6. WITHDRAWAL FORCE: 0.6~1.8Kgf INITIAL; 0.5 Kgf Min. After THE 2000th
7. AFTER LIFE TEST, CONTACT RESISTANCE: 100mΩ MAX.
8. AFTER HUMIDITY TEST, INSULATION RESISTANCE: 50MΩ MIN.
9. MARKING: MARK" " ON TOP OF CONNECTOR.
10. PACKING : TAPE & REEL.
11. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
12. HALOGEN FREE PRODUCT IDENTIFICATION MARK ON PRODUCT:
13. HALOGEN FREE PRODUCT IDENTIFICATION LOGO ON PACKAGING:



RECOMMENDED PCB LAYOUT

TOP VIEW ; TOL.±0.05



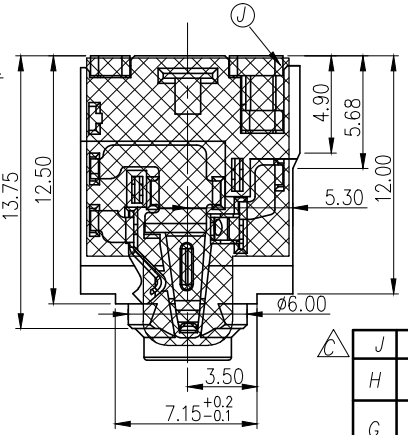
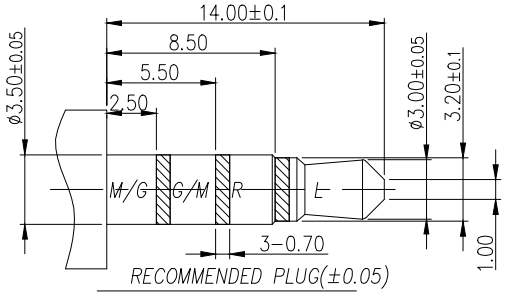


TABLE 1 :

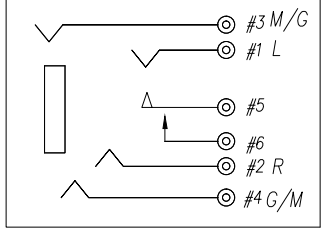
P/N	PLATING SPEC
2SJ3095-187211F	Au 30u" Min. ON CONTACT AREA
2SJ3095-187111F	GOLD FLASH ON CONTACT AREA;



RECOMMENDED PLUG(±0.05)

ø3.5 4-POLE STANDARD PLUG

SCHEMATIC



NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
J	MYLAR	1	T=0.08*14.50*10.20	BLACK
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 Sn120u" ON SOLDER AREA; ALL OVER 50u" Ni.
E	TIP SPRING	1	SUS304-1/2H,0.2T	SEE TABLE ON CONTACT AREA; GOLD FLASH ON SOLDER AREA; ALL OVER 50u" Ni.
D	RING A	1	PHOSPHOR BRONZE 0.2t	SEE TABLE ON CONTACT AREA; MATTE Sn120u" ON SOLDER AREA; ALL OVER 50u" Ni.
C	EARTH	1	PHOSPHOR BRONZE 0.2t	
B	RING B	1	PHOSPHOR BRONZE 0.2t	
A	BODY	1	PA4T+30% GF (TX1) UL 94V-0	PANTONE Cool gray 4C

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. 2SJ3095-187X11F	
CHKD	Bruce	SCALE 4:1	UNIT: mm
APVD	Liao	SIZE: A3	SHEET: 1 OF 1 REV:C

CUSTOMER COPY

文件編號RD-06-043-A