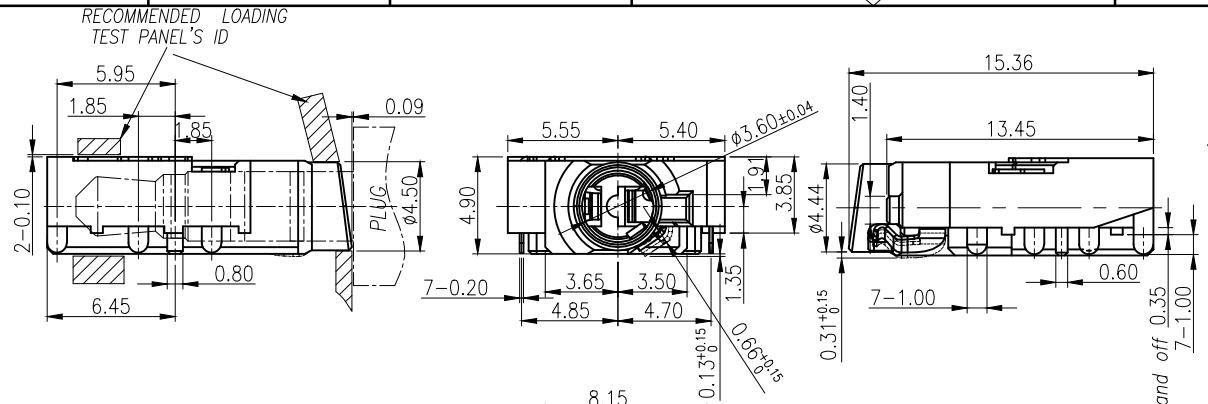
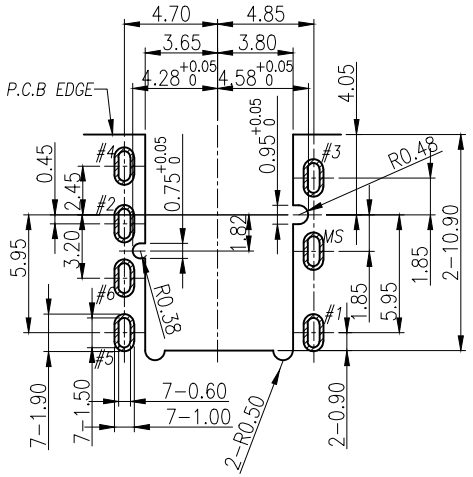
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR NO:T170628-1A/1B	Xinzhi	2018.11.26



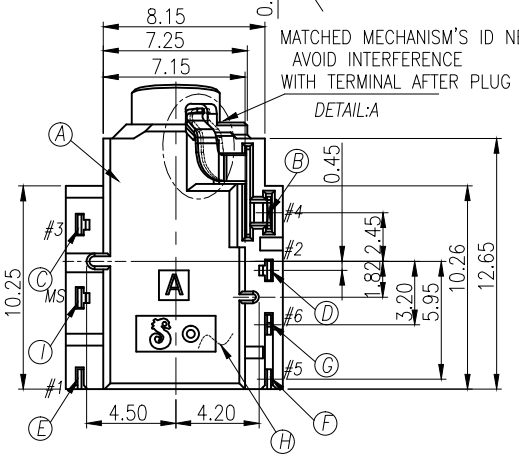
SPECIFICATIONS:

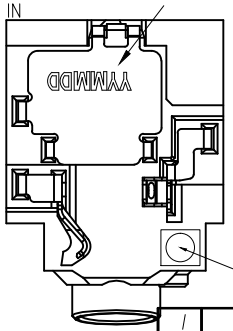
1. ELECTRICAL CHARACTERISTICS:
   - 1-1. RATING: 12V 1A
   - 1-2. CONTACT RESISTANCE: 50mΩ MAX.(INITIAL)
   - 1-3. DIELECTRIC WITHSTANDING VOLTAGE: 500V AC FOR ONE MINUTE.
   - 1-4. INSULATION RESISTANCE: 100MΩ MIN. MEASURED BY 500 VDC.
2. LIFE TEST: 2,000 CYCLES MIN.
   AFTER LIFE TEST, CONTACT RESISTANCE: 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"YYMMDD- " ON TOP OF CONNECTOR.
    SEE"Table"



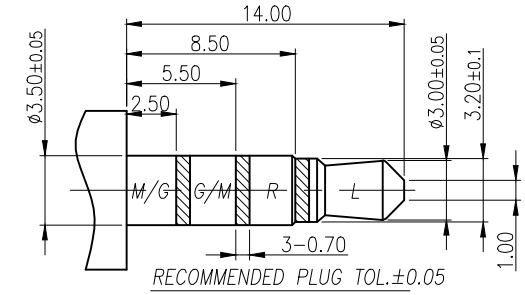
RECOMMENDED PCB LAYOUT

TOP VIEW ; TOL.±0.05



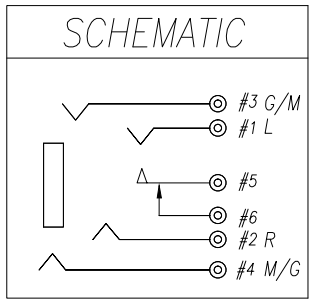


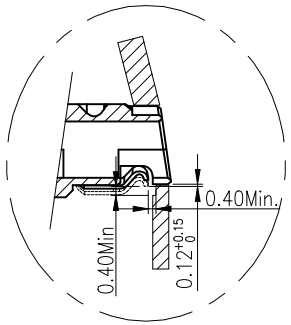
2SJ3095-170111F	GOLD FLASH ON CONTACT AREA;
2SJ3095-170211F	Au 30u" ON CONTACT AREA;



RECOMMENDED PLUG TOL.±0.05

Ø3.5 4-POLE STANDARD PLUG





DETAIL:A

SCALE:1:1

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
I	SHELL	1	PHOSPHOR BRONZE 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 AND SOLDER TAIL; ALL OVER 50u" Ni.
F	TRANSFER TERMINAL	1	PHOSPHOR BRONZE 0.2t	GOLD FLASH ON CONTACT AREA MATTE TIN 120u" ON SOLDER TAIL ALL OVER Ni 50u" Min
E	TIP SPRING	1	STAINLESS STEEL 0.2t	Au 30u"ONON CONTACT AREA; GOLD FLASH ON SOLDER AREA; ALL OVER Ni 60u" Min
D	RING A	1	PHOSPHOR BRONZE 0.2t	Au 30u"ON CONTACT AREA; Matte Sn100u" ON SOLDER AREA; ALL OVER 50u" Ni.
C	RING B	1	PHOSPHOR BRONZE 0.2t	Au 30u"ON CONTACT AREA; ALL OVER Ni 50u"
B	EARTH	1	PHOSPHOR BRONZE 0.2t	Au 30u"ON CONTACT AREA; ALL OVER Ni 50u"
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	Xinzhi	PART NO. 2SJ3095-170X11F		
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