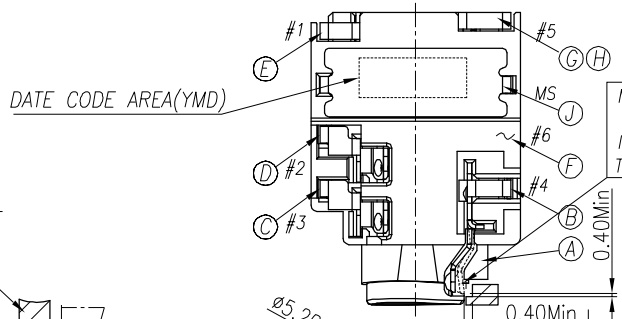
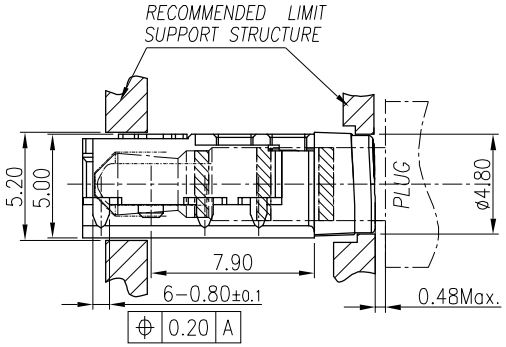
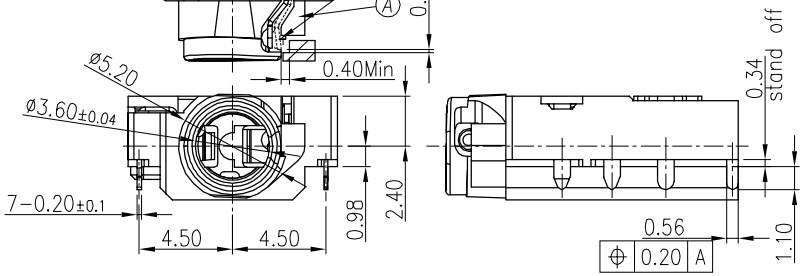
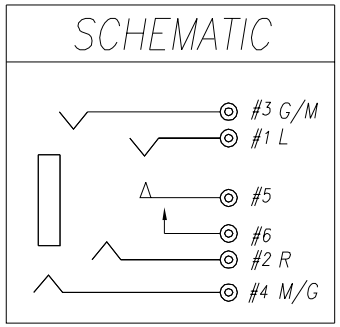
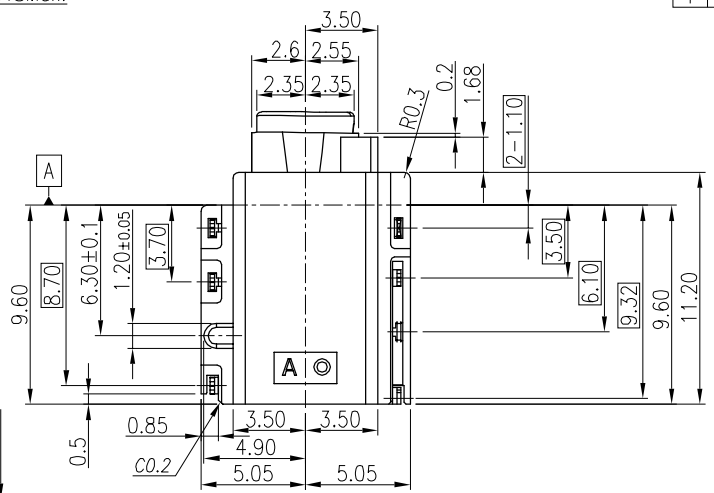
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR NO: T201207-2A	RAINY	2021.09.16

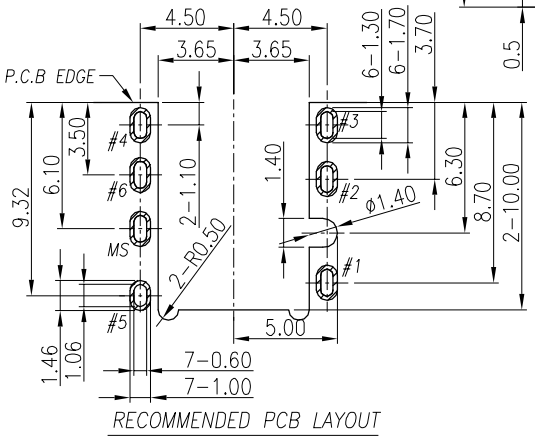






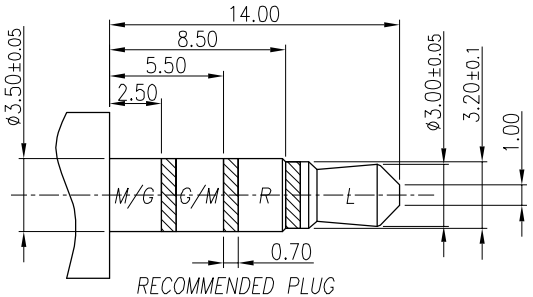






RECOMMENDED PCB LAYOUT

TOP VIEW ; TOL.±0.05



RECOMMENDED PLUG

ø3.5 4-POLE STANDARD PLUG(TOL.±0.05)

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; 2.5Kgf MAX.
   - 2-2. WITHDRAWAL FORCE: 0.6-1.8Kgf; 0.5Kgf MIN.
3. LIFE TEST: 2,000 CYCLES MIN. AFTER LIFE TEST, CONTACT RESISTANCE: 100mΩ MAX.
4. PACKING : TAPE & REEL.
6. AFTER HUMIDITY TEST, INSULATION RESISTANCE: 50MΩ MIN.
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.

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	TRANSFER TERMINAL	1	PHOSPHOR BRONZE 0.2T	GOLD FLASH ON CONTACT AREA; GOLD FLASH ON SOLDER AREA; ALL OVER 50u" Ni.
F	MAKE TERMINAL	1	PHOSPHOR BRONZE 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	Au 30u" ON CONTACT AREA; GOLD FLASH ON SOLDER AREA; ALL OVER 50u" Ni.
D	RING A	1	PHOSPHOR BRONZE 0.2T	
C	RING B	1	PHOSPHOR BRONZE 0.2T	
B	EARTH	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	RAINY	PART NO.2SJ3160-026111F	
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