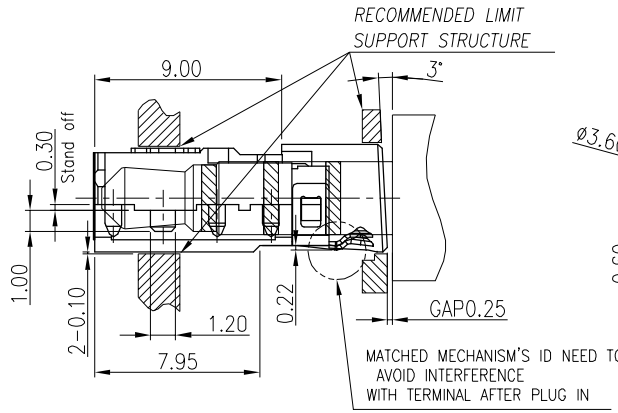
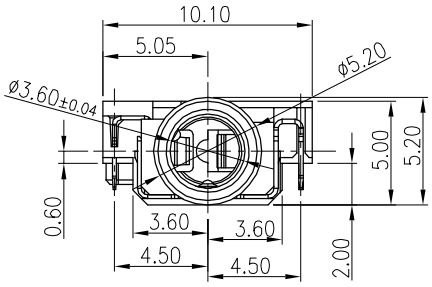
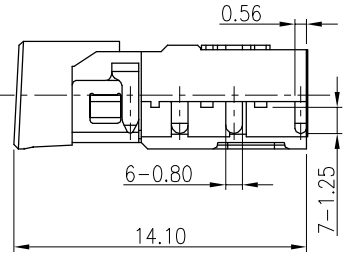
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR NO: T220718-1A	Jiujian	2023.3.20

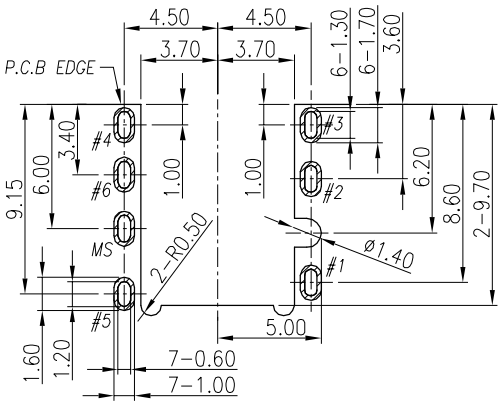






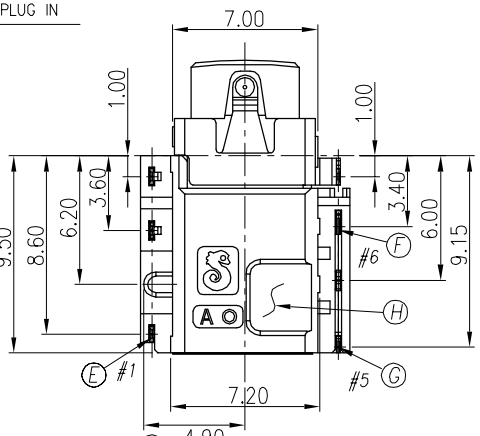
SPECIFICATIONS:

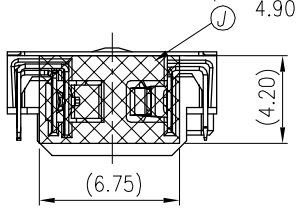
1. ELECTRICAL CHARACTERISTICS:
   - 1-1. RATING: 12V 1A
   - 1-2. CONTACT RESISTANCE: 50mΩ MAX.(INITIAL)
   - 1-3. DIELECTRIC WITHSTANDING VOLTAGE: 500V AC FOR ONE MINUTE
   - 1-4. INSULATION RESISTANCE: 100MΩ MIN. MEASURED BY 500 VDC
2. MECHANICAL CHARACTERISTICS:
   - 2-1. INSERTION FORCE: 0.5~2.2Kgf AFTER THE FIFTH TIME; 0.4~2.2Kgf AFTER LIFE TEST;
   - 2-2. WITHDRAWAL FORCE: 0.5~2.0Kgf AFTER THE FIFTH TIME; 0.4~2.0Kgf AFTER LIFE TEST;
3. LIFE TEST: 5,000 CYCLES MIN.
4. AFTER LIFE TEST, CONTACT RESISTANCE: 100mΩ MAX.
5. PACKAGING: TAPE & REEL.
6. MARKING: MARK" " ON JACK.
7. OTHER GENERAL SPEC TO REFER "AUDIO JACK FOR ASUS SPEC"
8. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
9. HALOGEN FREE PRODUCT IDENTIFICATION MARK ON PRODUCT:
10. HALOGEN FREE PRODUCT IDENTIFICATION LOGO ON PACKAGING:
11. PRINTED DATE CODE"YMD " ON TOP OF JACK.
12. OVERLOADING FORCE < 4KGF

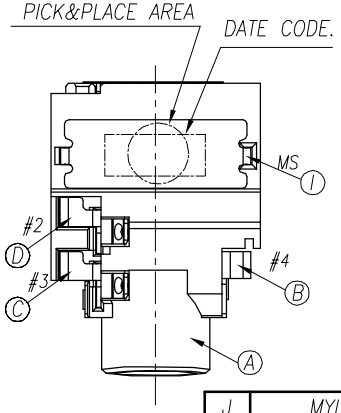


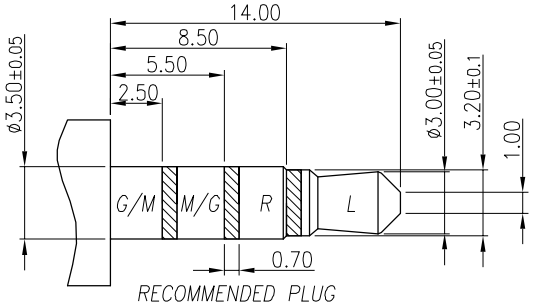
RECOMMENDED PCB LAYOUT

TOP VIEW ; TOL.±0.05



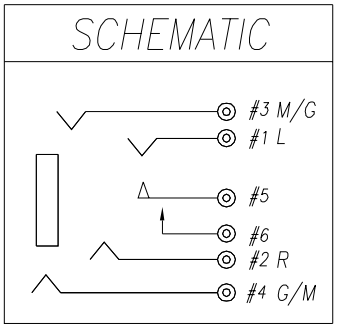






RECOMMENDED PLUG

ø3.5 4-POLE PLUG



NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
J	MYLAR	1	KAPTON 0.06t	YELLOW
I	SHELL	1	SUS304-1/2H 0.2t	可焊Ni 60u" MIN
H	SEPARATOR	1	LCP E130i UL 94V-0	BLACK
G	TRANSFER TERMINAL	1	C5210-EH 0.2t	GOLD FLASH ON CONTACT AREA, GOLD FLASH ON SOLDER TAIL; ALL OVER Ni 50 u" Min.
F	MAKE TERMINAL	1	C5210-EH 0.2t	GOLD FLASH ON CONTACT AREA, MATTE TIN 80u" ON SOLDER TAIL; ALL OVER Ni 50 u" Min.
E	TIP SPRING	1	SUS304 3/4H 0.2t	GOLD FLASH ON CONTACT AREA, GOLD FLASH ON SOLDER TAIL; ALL OVER Ni 50 u" Min.
D	RING A	1	C5210-EH 0.2t	
C	RING B	1	C5210-EH 0.2t	
B	EARTH	1	C5210-EH 0.2t	
A	BODY	1	PA10T+36%GF R6036NH 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	ø 3.5 AUDIO JACK		
DWN	Jiujian	PART NO.2SJ3160-037111F	
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