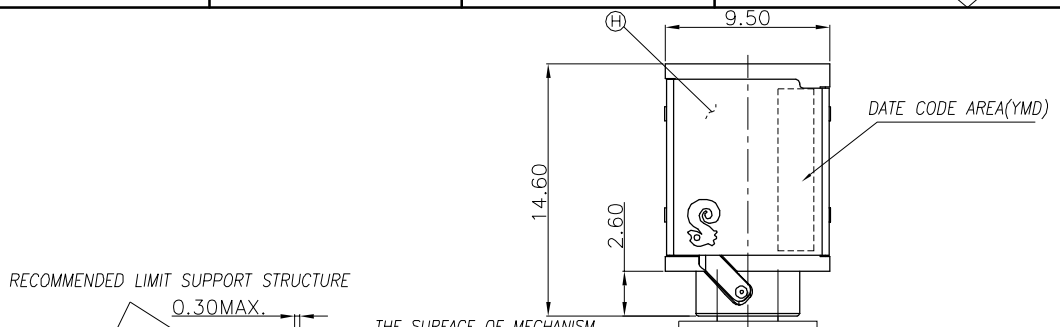
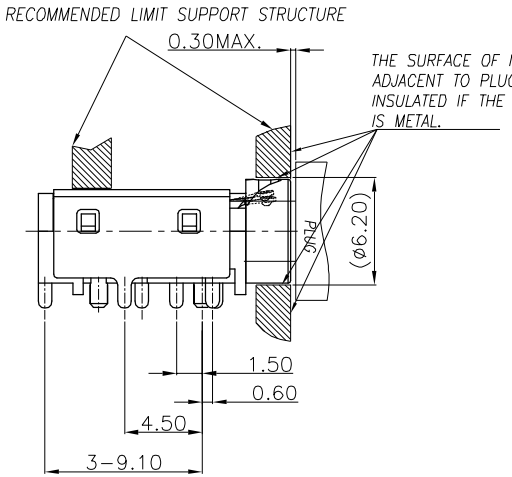
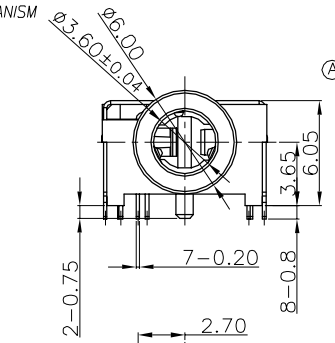
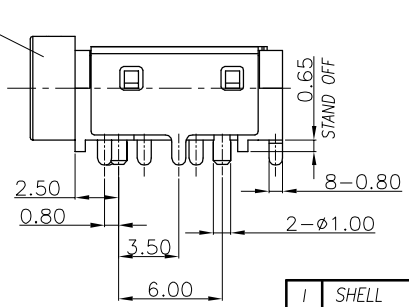
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR NO: T221114-4A	JIELIN	2023.03.21



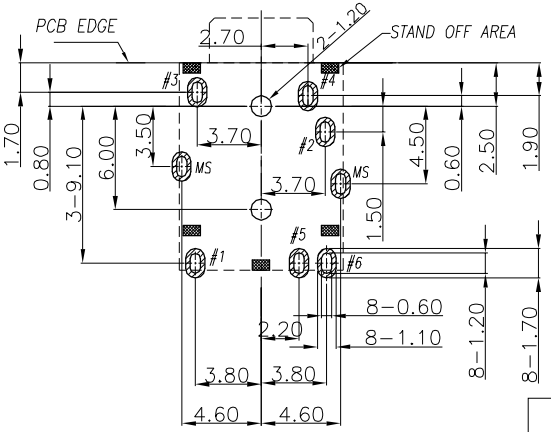




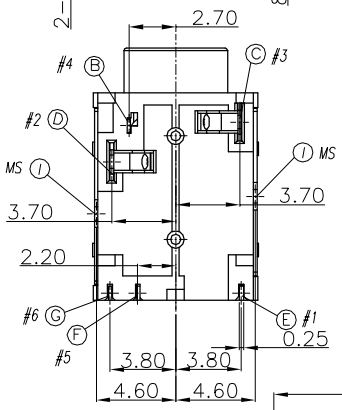


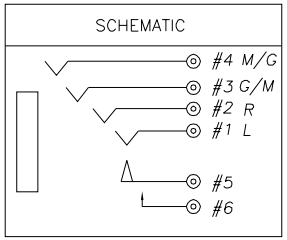
SPECIFICATIONS:

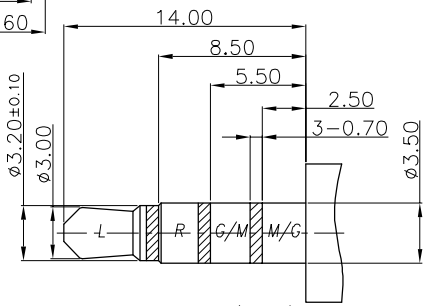
1. ELECTRICAL CHARACTERISTICS:
   - 1-1. RATING: 12V 1A
   - 1-2. CONTACT RESISTANCE: 50mΩ MAX.(INITIAL)
   - 1-3. DIELECTRIC WITHSTANDING VOLTAGE: 500V AC FOR ONE MINUTE.
   - 1-4. INSULATION RESISTANCE: 100MΩ MIN. MEASURED BY 500 VDC.
2. MECHANICAL CHARACTERISTICS:
   - 2-1. INSERTION FORCE: 0.3-3.0Kgf
   - 2-2. WITHDRAWAL FORCE: 0.3-3.0Kgf
3. LIFE TEST: 5,000 CYCLES MIN.
   AFTER LIFE TEST, CONTACT RESISTANCE: 100mΩ MAX.
4. PACKAGING : TAPE & REEL.
5. AFTER HUMIDITY TEST, INSULATION RESISTANCE: 50MΩ MIN.
6. MARKING: MARK" " ON TOP OF CONNECTOR.
7. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
8. HALOGEN FREE PRODUCT IDENTIFICATION MARK ON JACK:
9. HALOGEN FREE PRODUCT IDENTIFICATION LABEL ON PACKAGING:
10. PRINTED DATE CODE" YMD- " ON TOP OF CONNECTOR.



RECOMMENDED PCB LAYOUT(TOP VIEW)
(TOLERANCE: ±0.05)







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

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
I	SHELL	1	STAINLESS STEEL, 0.2t	60µin Min. SOLDERABLE NICKEL UNDER PLATING.
H	SEPARATE	1	HIGH TEMP.THERMOPLASTIC UL 94V-0	BLACK
G	MAKE TERMINAL	1	PHOSPHOR BRONZE, 0.2t	1~3µin GOLD PLATING ON CONTACT AREA;MATTE TIN 120µin PLATING ON SOLDER TAIL AREA; AND 50~100µin NICKEL UNDER PLATING.
F	TRANSFER TERMINAL	1	PHOSPHOR BRONZE, 0.2t	1~3µin GOLD PLATING ON CONTACT AREA;1~3µin GOLD PLATING ON SOLDER TAIL AREA; AND 50~100µin NICKEL UNDER PLATING.
E	TIP SPRING	1	PHOSPHOR BRONZE, 0.25t	3µin MIN. GOLD PLATING ON CONTACT AREA;MATTE TIN 80µin PLATING ON SOLDER TAIL AREA; AND 50~100µin NICKEL UNDER PLATING.
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	ø3.5 AUDIO JACK			
DWN	JIELIN	PART NO. 2SJ3082-087111F		
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