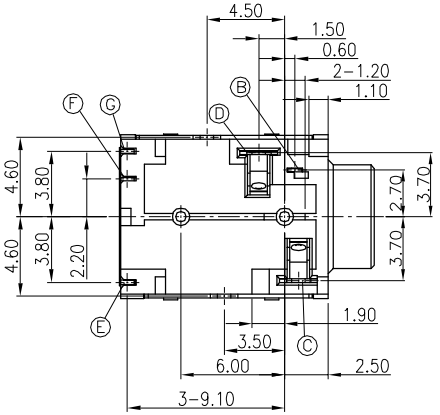
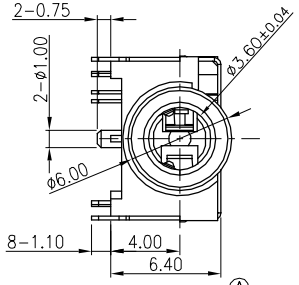
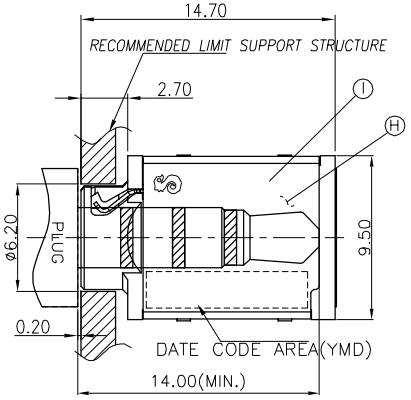
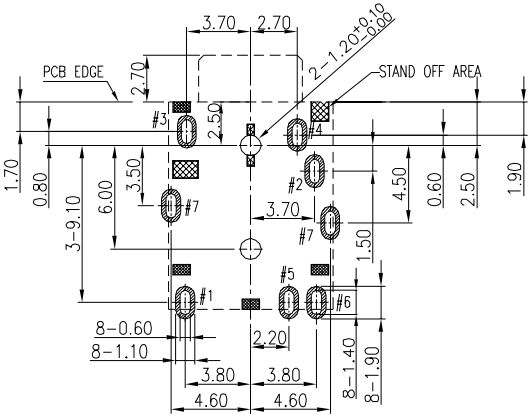
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR NO:T210520-2A	Qing	2021.10.29



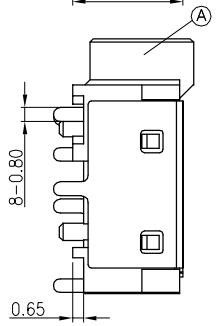


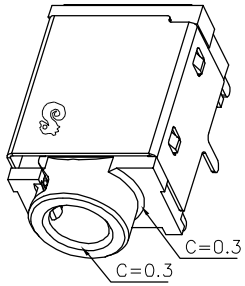


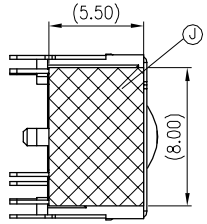


RECOMMENDED PCB LAYOUT(TOP VIEW)

(TOLERANCE: ±0.05)

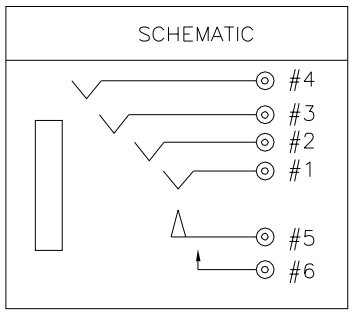


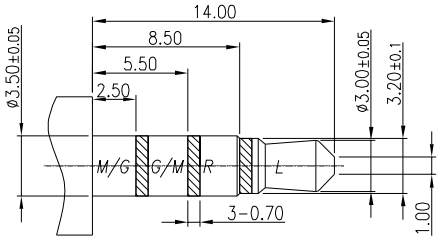




SPECIFICATIONS:

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: 0.3~3.0Kgf INITIAL ;
   - 2-2. WITHDRAWAL FORCE: 0.3~3.0Kgf INITIAL;
3. LIFE TEST: 5,000 CYCLES MIN.
   AFTER LIFE TEST, CONTACT RESISTANCE: 120mΩ MAX.
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 JACK:
8. HALOGEN FREE PRODUCT IDENTIFICATION LABEL ON PACKAGING:
9. FOR REFLOW SOLDERING LEAD-FREE PROCESS.
10. PRINTED DATE CODE" YMD= " ON TOP OF JACK.





RECOMMENDED PLUG TOL.±0.05

ø3.5 4-POLE STANDARD PLUG

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
J	MYLAR	1	MYLAR 0.075t	TRANSPARENT YELLOW
I	SHELL	1	COPPER ALLOY, 0.2t	50μin SOLDERABLE NICKEL PLATING.
H	SEPERATE	1	HIGH TEMP.THERMOPLASTIC UL 94V-0	BLACK
G	MAKE TERMINAL	1	COPPER ALLOY, 0.2t	1~3μin GOLD PLATING ON CONTACT AREA; 120μin MATTE-TIN PLATING ON SOLDER TAIL AREA; AND 50μin Min. NICKEL UNDER PLATING.
F	TRANSFER TERMINAL	1	COPPER ALLOY, 0.2t	1~3μin GOLD PLATING ON CONTACT AREA; AND 50μin Min. NICKEL UNDER PLATING.
E	TIP SPRING	1	COPPER ALLOY, 0.25t	1~3μin GOLD PLATING ON CONTACT AREA; 120μin MATTE-TIN PLATING ON SOLDER TAIL AREA; AND 50μin Min. NICKEL UNDER PLATING.
D	RING-A	1	COPPER ALLOY, 0.2t	
C	RING-B	1	COPPER ALLOY, 0.2t	
B	EARTH	1	COPPER ALLOY, 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 R/A TYPE			
DWN	Qing	PART NO. 2SJ3082-081111F		
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