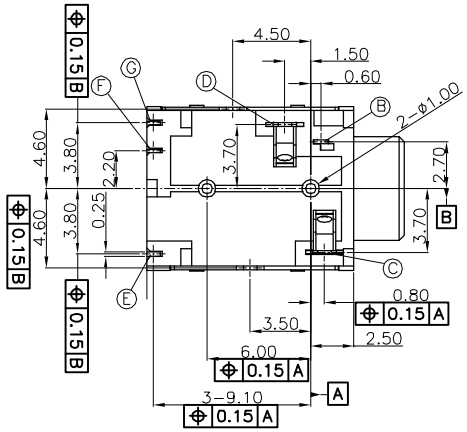
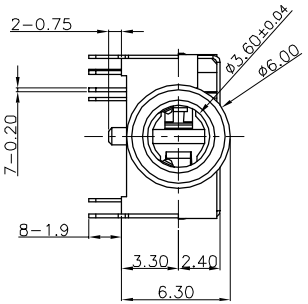
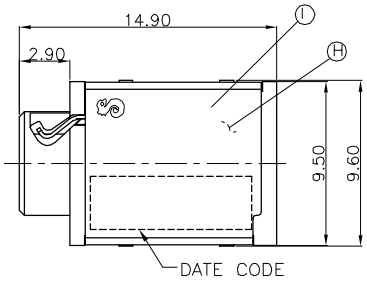
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR NO: T190214-1A	Hao-chen	2019.04.08

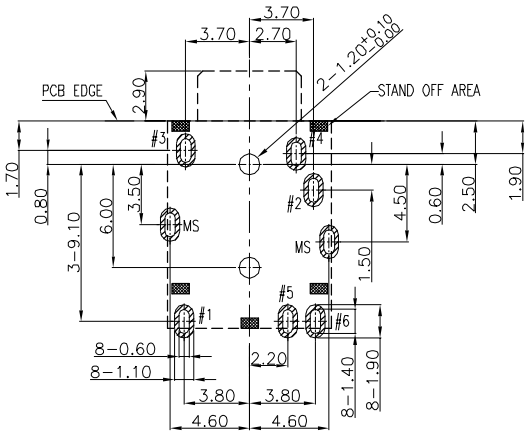




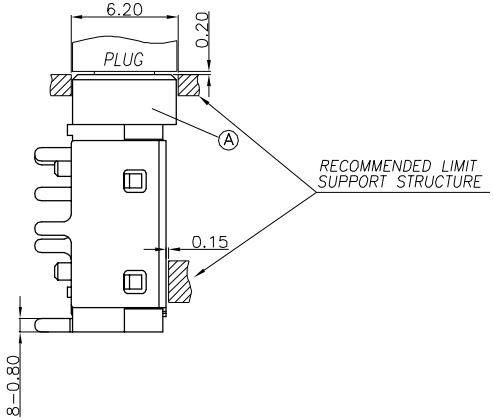


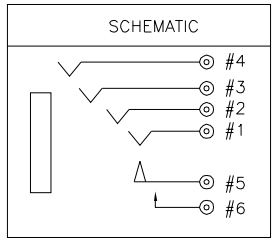
SPECIFICATIONS:

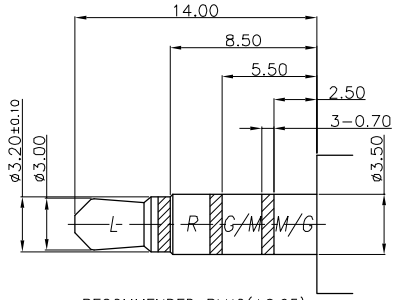
1. ELECTRICAL CHARACTERISTICS:
   - 1-1. RATING: 12V 1A
   - 1-2. CONTACT RESISTANCE: 50mΩ MAX.(INITIAL)
   - 1-3. DIELECTRIC WITHSTANDING VOLTAGE: 500V AC FOR ONE MINUTE
   - 1-4. INSULATION RESISTANCE: 100MΩ MIN. MEASURED BY 500 VDC
2. MECHANICAL CHARACTERISTICS:
   - 2-1. INSERTION FORCE : 0.3~3.0 KGF
   - 2-2. WITHDRAWAL FORCE : 0.3~3.0 KGF
3. LIFE TEST: 5,000 CYCLES MIN.
4. PACKAGING : TAPE & REEL.
5. OTHER GENERAL SPEC. TO REFER "2SJ3082-078211F SPEC".
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 CONNECTOR.



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







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

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
I	SHELL	1	COPPER ALLOY, 0.2t	NICKEL 60u" MIN. PLATING.
H	SEPARATE	1	HIGH TEMP.THERMOPLASTIC UL 94V-0	BLACK
G	MAKE TERMINAL	1	COPPER ALLOY, 0.2t	GOLD FLASH ON CONTACT AREA, MATTE TIN 120u" ON SOLDER TAIL, ALL OVER NICKEL 50u" MIN. PLATING.
F	TRANSFER TERMINAL	1	COPPER ALLOY, 0.2t	GOLD FLASH ON ALL OVER NICKEL 50u"
E	TIP SPRING	1	COPPER ALLOY, 0.25t	Au 30u" ON CONTACT AREA; MATTE TIN 120u" ON SOLDER TAIL, ALL OVER NICKEL 50u" MIN. 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	ø3.50 AUDIO JACK			
DWN	Hao-chen	PART NO. 2SJ3082-078211F		
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