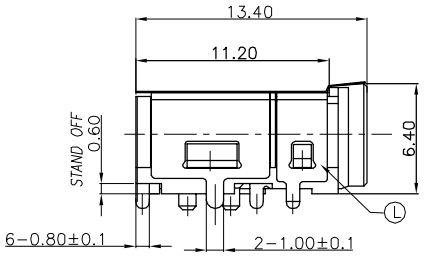
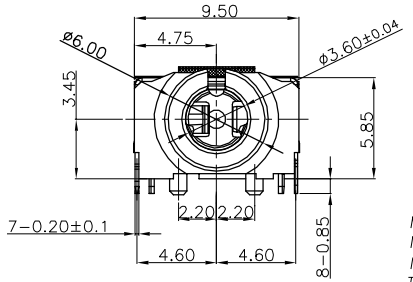
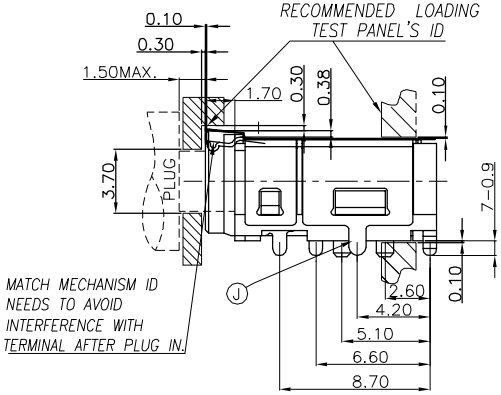
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR NO: T170427-4A	Qing	2018.02.02

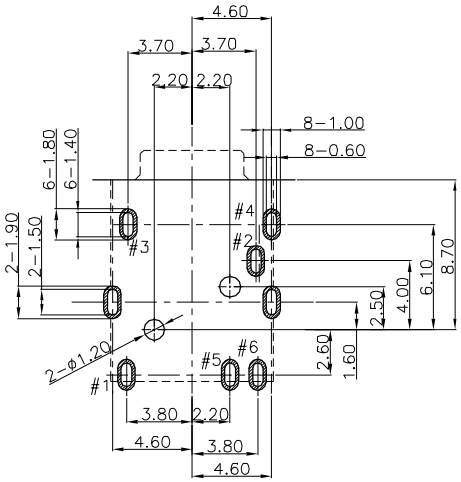




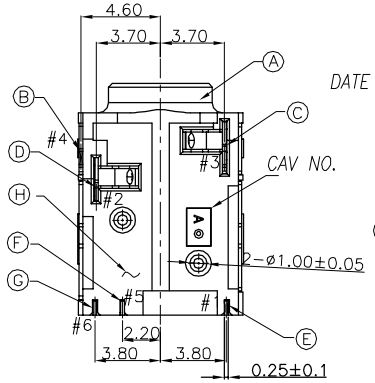


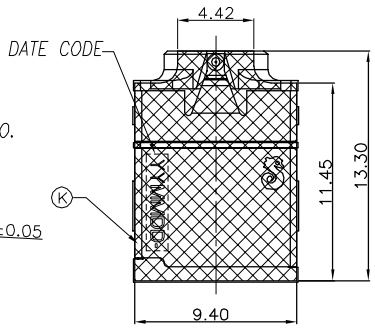
SPECIFICATIONS:

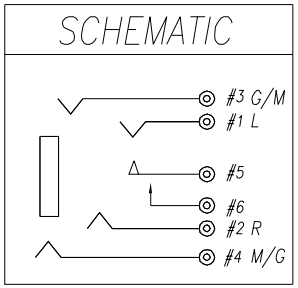
1. ELECTRICAL CHARACTERISTICS:
   - 1-1. RATING: 12V 1A
   - 1-2. CONTACT RESISTANCE: 50mΩ MAX.(INITIAL)
   - 1-3. DIELECTRIC WITHSTANDING VOLTAGE: 500V AC FOR ONE MINUTE.
   - 1-4. INSULATION RESISTANCE: 100MΩ MIN. MEASURED BY 500 VDC.
2. MECHANICAL CHARACTERISTICS:
   - 2-1. INSERTION FORCE: 0.3 - 3.0Kgf
   - 2-2. WITHDRAWAL FORCE: 0.3 - 3.0Kgf
3. LIFE TEST: 5,000 CYCLES MIN.
   AFTER LIFE TEST, CONTACT RESISTANCE: 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:

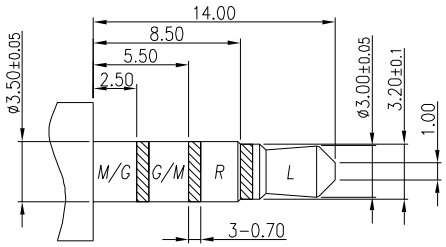


RECOMMENDED PCB LAYOUT(TOP VIEW)
(TOLERANCE: ±0.05)









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

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
K	MYLAR-1	1	MYLAR 9.4*13.3*0.08T	TRANSPARENT
J	SHELL	1	COPPER ALLOY,0.2t	Ni 60u" MIN. PLATING.
H	SEPARATE	1	LCP E130i+30%GF,UL94-V0	BLACK
F	TRANSFER TERMINAL	1	COPPER ALLOY, 0.2t	GOLD FLASH OVER; Ni 50u" Min.
G	MAKE TERMINAL	1	COPPER ALLOY, 0.2t	GOLD FLASH ON CONTACT AREA, MATTE TIN 120u" ON SOLDER TAIL, ALL OVER Ni 50u" MIN. PLATING.
E	TIP SPRING	1	COPPER ALLOY, 0.25t	
D	RING-A	1	COPPER ALLOY, 0.2t	
C	RING-B	1	COPPER ALLOY, 0.2t	
B	EARTH	1	COPPER ALLOY, 0.2t	GOLD FLASH ON CONTACT AREA, ALL OVER NICKEL 50u" MIN. PLATING.
A	BODY	1	PA4T-30% GF (TX1) 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	QING	PART NO. 2SJ3088-025111F		
CHKD	BRUCE	SCALE:4:1	UNIT: mm	
APVD	LUSSEN	SIZE: A3	SHEET:1 OF 1	REV: A

CUSTOMER COPY

文件編號: RD-06-043-A