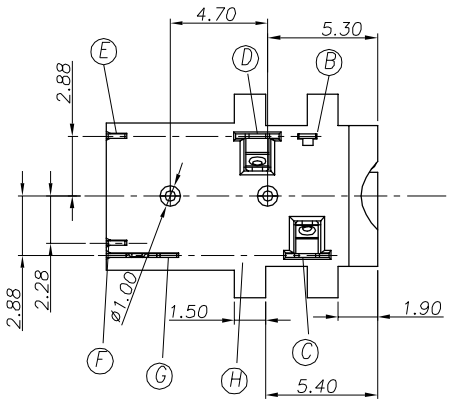
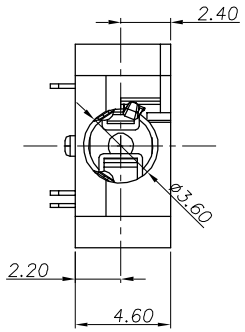
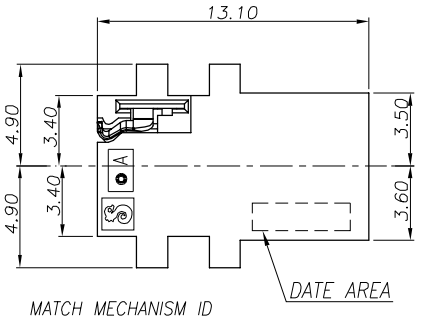
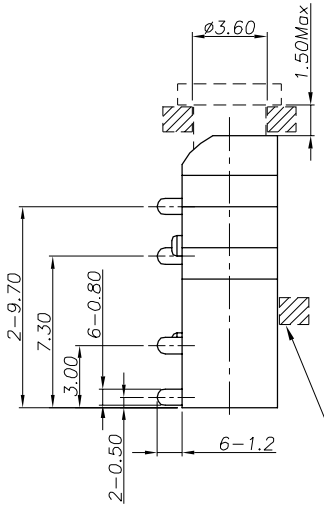
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR NO: T190621-1A	Allen	2019.10.22

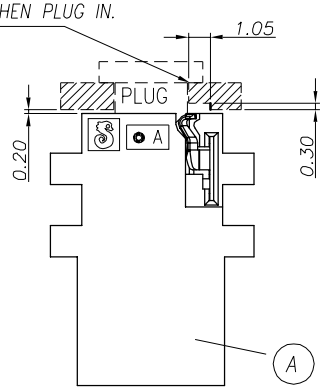


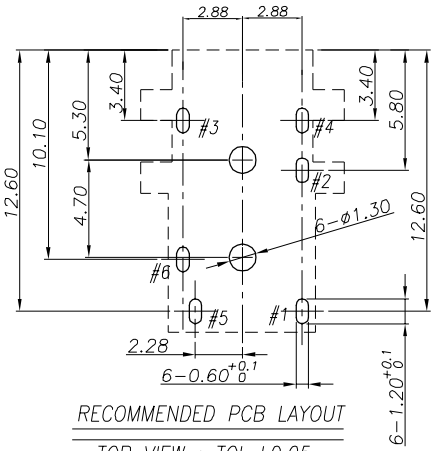




MATCH MECHANISM ID NEEDS TO AVOID INTERFERENCE WITH TERMINAL WHEN PLUG IN.

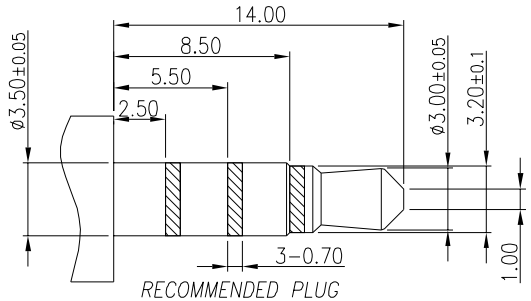






RECOMMENDED PCB LAYOUT

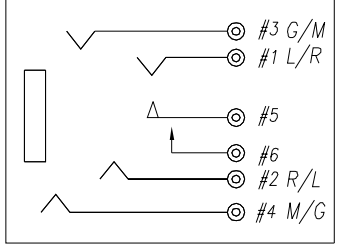
TOP VIEW ; TOL.±0.05



RECOMMENDED PLUG

ø3.5 4-POLE STANDARD PLUG

SCHEMATIC



SPECIFICATIONS:

1. INSULATION RESISTANCE BETWEEN ANY ADJACENT OPEN CIRCUIT TERMINAL SHELL NOT BE LESS THAN 100MΩ MEASURED BY 500V DC .
2. CONTACT RESISTANCE: 50mΩ MAX(INITIAL).
3. INSULATION VOLTAGE WITHSTAND:500V AC FOR ONE MINUTE.
4. LIFE TEST: 2,000 CYCLES MIN.
5. INSERTION FORCE: 0.3-3.0Kgf ,
6. WITHDRAWAL FORCE: 0.3-3.0 Kgf,
7. AFTER LIFE TEST, CONTACT RESISTANCE: 100mΩ MAX.
8. AFTER HUMIDITY TEST, INSULATION RESISTANCE: 50MΩ MIN.
9. MARKING: MARK" " ON TOP OF CONNECTOR.
10. PACKING : TAPE & REEL.
11. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
12. HALOGEN FREE PRODUCT IDENTIFICATION MARK ON PRODUCT:
13. HALOGEN FREE PRODUCT IDENTIFICATION LOGO ON PACKAGING:

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
H	SEPARATOR	1	HIGH TEMP.THERMOPLASTIC UL 94V-0	BLACK
G	MAKE TERMINAL	1	PHOSPHOR BRONZE 0.2t	GOLD FLASH ON CONTACT AREA; GOLD FLASH ON SOLDER AREA; ALL OVER 50u" Ni.
F	TRANSFER TERMINAL	1	PHOSPHOR BRONZE 0.2t	
E	TIP SPRING	1	PHOSPHOR BRONZE 0.2t	GOLD FLASH ON CONTACT AREA; Matte Tin120u" ON SOLDER AREA; ALL OVER 50u" Ni.
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	ø3.50 AUDIO JACK			
DWN	Allen	PART NO.2SJ3098-033111F		
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