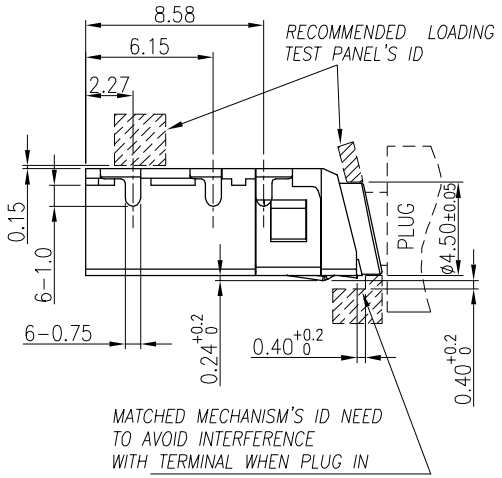
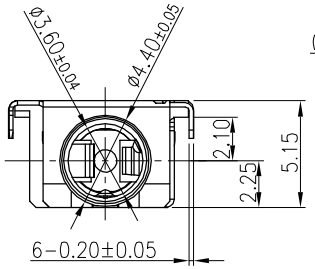
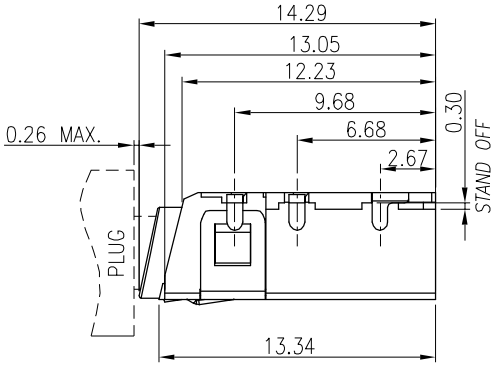
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR NO: T180925-2A	PENG	2019.04.16

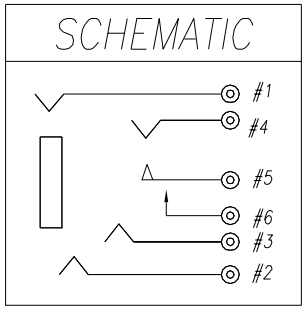


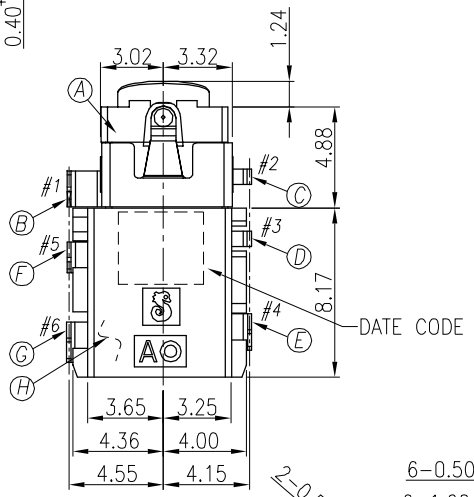


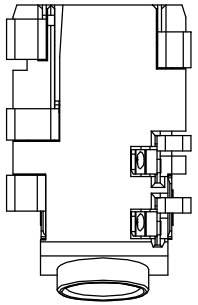


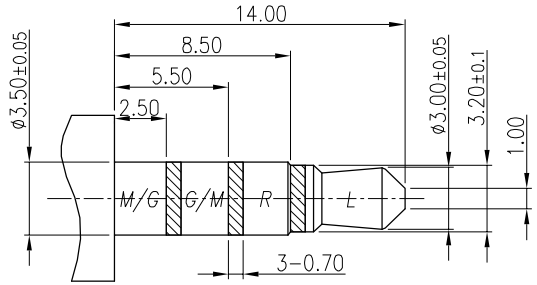
SPECIFICATIONS:

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 : 2.2~22.2N
   2.2~22.2N (AFTER LIFE TEST)
   2-2. WITHDRAWAL FORCE : 2.2~22.2N
   2.2~22.2N (AFTER LIFE TEST)
3. LIFE TEST: 5,000 CYCLES MIN.
   AFTER LIFE TEST, CONTACT RESISTANCE: 100mΩ MAX.
4. AFTER HUMIDITY TEST, INSULATION RESISTANCE: 50MΩ MIN.
5. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
6. HALOGEN PRODUCT IDENTIFICATION MARK ON JACK: ◎
7. HALOGEN PRODUCT IDENTIFICATION LABEL ON PACKAGING:
8. FOR REFLOW SOLDERING LEAD-FREE PROCESS.
9. MARKING: MARK" " ON CONNECTOR.
10. PACKAGING : TAPE & REEL.



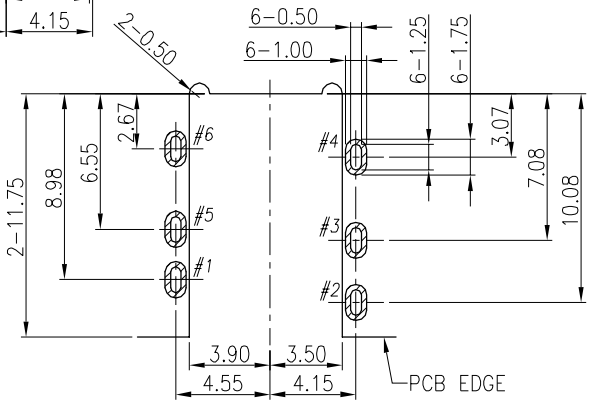






RECOMMENDED PLUG

Ø3.5 4-POLE STANDARD PLUG



RECOMMENDED PCB LAYOUT

TOP VIEW ; TOL.±0.05

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	STAINLESS STEEL, 0.2t	
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	3.5Ø AUDIO JACK		
DWN	Peng	PART NO. 2SJ3127-029111F	
CHKD	Bruce	SCALE 4:1	UNIT: mm
APVD	Liao	SIZE: A3	SHEET:1 OF 1
		REV: A	

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文件編號 RD-06-043-A