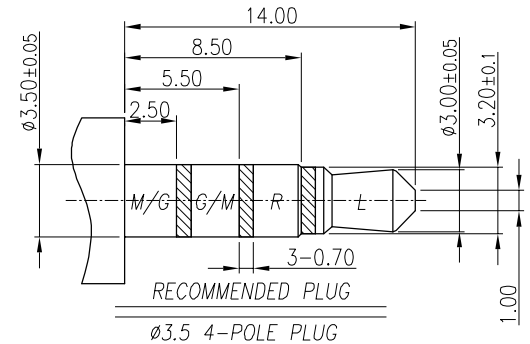
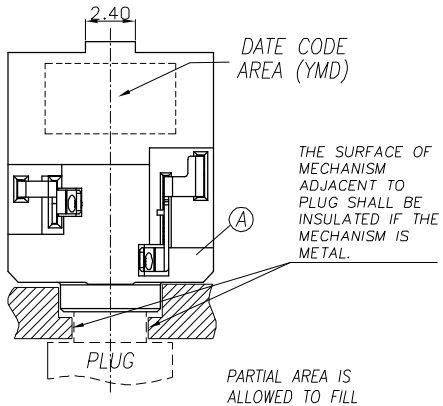
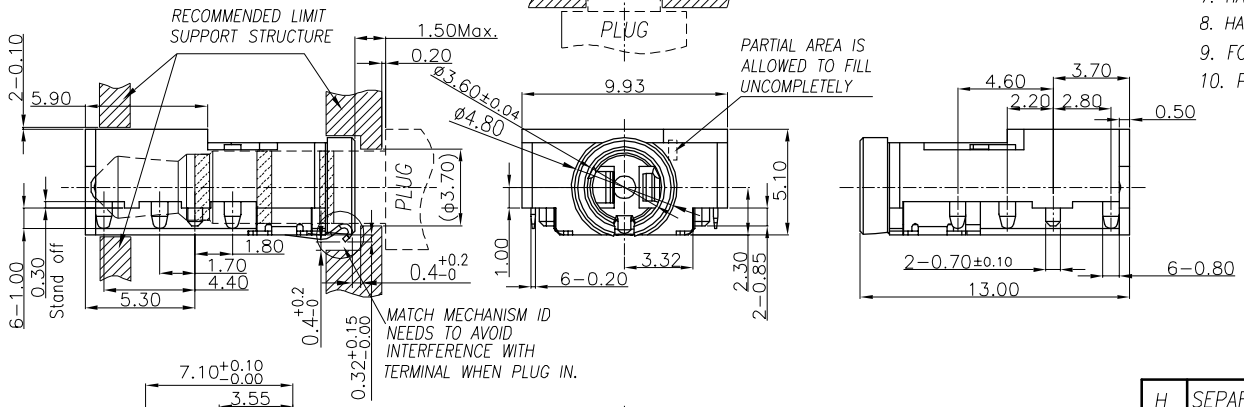
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR NO: S220316-1A	Guorong	2023.02.28

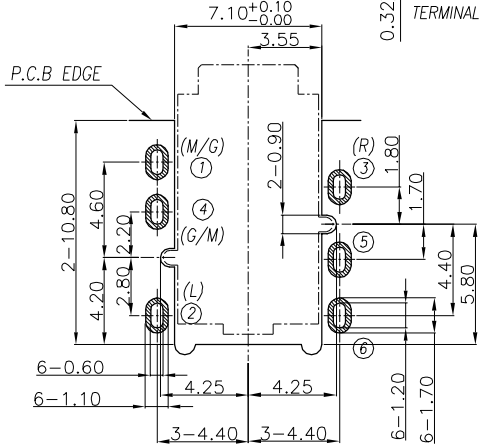


RECOMMENDED PLUG

ø3.5 4-POLE PLUG

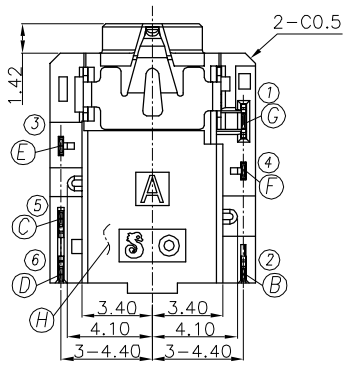


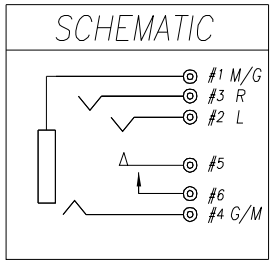




RECOMMENDED PCB LAYOUT(TOP VIEW)

(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 500V DC
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
4. AFTER LIFE TEST, CONTACT RESISTANCE: 100mΩ MAX.
5. AFTER HUMIDITY TEST, INSULATION RESISTANCE: 50MΩ MIN.
6. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
7. HALOGEN FREE PRODUCT IDENTIFICATION MARK ON PRODUCT:
8. HALOGEN FREE PRODUCT IDENTIFICATION LOGO ON PACKAGING:
9. FOR REFLOW SOLDERING LEAD-FREE PROCESS.
10. PRINTED DATE CODE" YMD " ON TOP OF JACK.

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
H	SEPARATOR	1	HIGH TEMP.THERMOPLASTIC UL 94V-0	BLACK
G	EARTH	1	PHOSPHOR BRONZE, 0.2T	GOLD FLASH ON CONTACT AREA; GOLD FLASH ON SOLDER TAIL AREA; ALL OVER NI 50u" PLATING.
F	RING-B	1	PHOSPHOR BRONZE, 0.2T	
E	RING-A	1	PHOSPHOR BRONZE, 0.2T	
D	MAKE	1	PHOSPHOR BRONZE, 0.2T	
C	TRANSFER	1	PHOSPHOR BRONZE, 0.2T	
B	TIP	1	STAINLESS STEEL, 0.2T	Au 3u" Min. ON CONTACT AREA; GOLD FLASH ON SOLDER TAIL AREA; ALL OVER NI 60u" PLATING.
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	Guorong	PART NO. 2SJ3129-007111F		
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