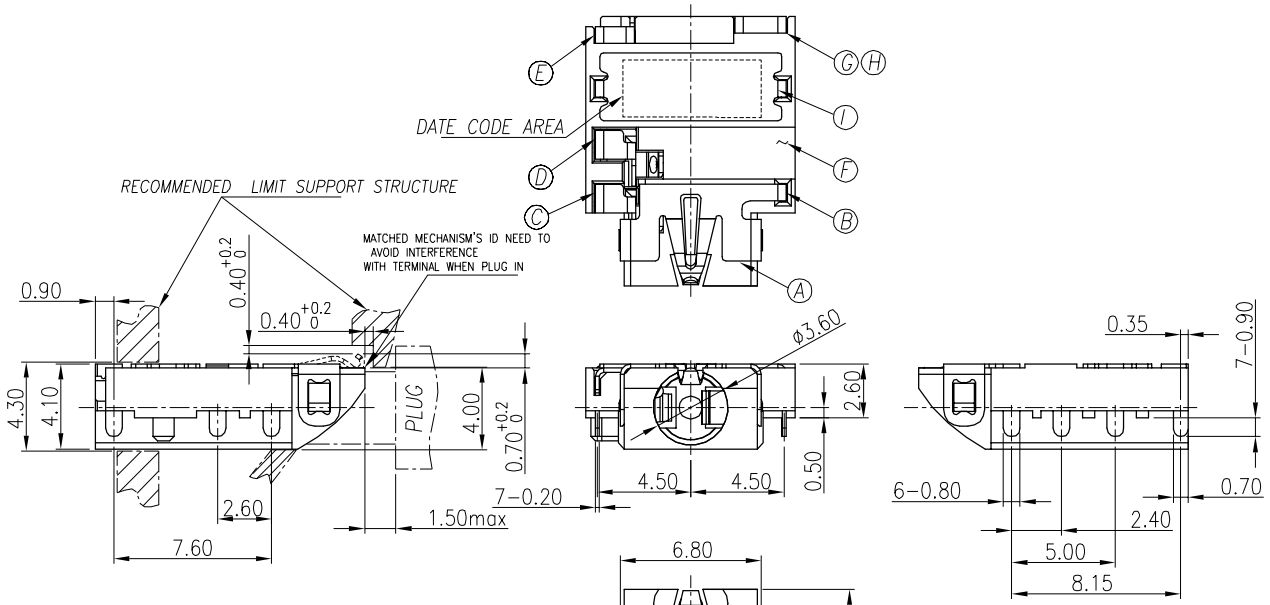
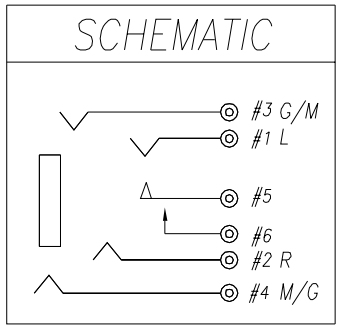
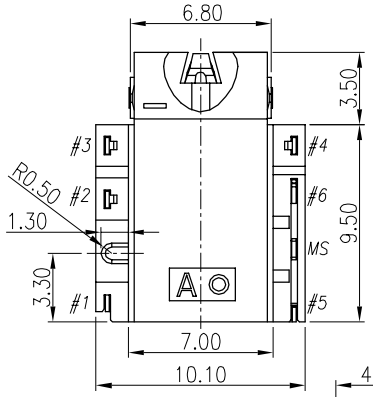
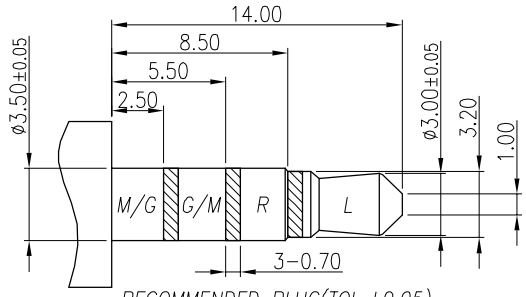
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR NO: T190422-8A	QuanYi	2019.05.13



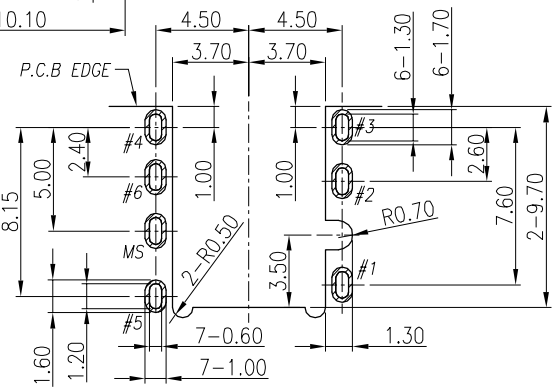






RECOMMENDED PLUG(TOL.±0.05)

ϕ3.5 4-POLE PLUG



RECOMMENDED PCB LAYOUT

TOP VIEW ; TOL.±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 500 VDC.
2. MECHANICAL CHARACTERISTICS:
   - 2-1. INSERTION FORCE: INITIAL 0.4-2.0Kgf;
   - 2-2. WITHDRAWAL FORCE: INITIAL 0.4-2.0Kgf;
3. LIFE TEST: 5,000 CYCLES MIN.
   AFTER LIFE TEST, CONTACT RESISTANCE: 100mΩ 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 PRODUCT:
8. HALOGEN FREE PRODUCT IDENTIFICATION LOGO ON PACKAGING:
9. FOR REFLOW SOLDERING LEAD-FREE PROCESS.
10. PRINTED DATE CODE" YYMMDD " ON TOP OF CONNECTOR.

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
I	SHELL	1	SUS304-1/2H 0.2t	Ni 60u"Min.
H	SEPARATOR	1	LCP++30%GF,UL94-V0	BLACK
G	TRANSFER TERMINAL	1	C5210-EH 0.2t	GOLD FLASH ON CONTACT AREA; GOLD FLASH ON SOLDER AREA; ALL OVER 50u" Ni.
F	MAKE TERMINAL	1	C5210-EH 0.2t	GOLD FLASH ON CONTACT AREA; MATTE Sn80u" ON SOLDER AREA; ALL OVER 50u" Ni.
E	TIP SPRING	1	C5210-EH 0.2t	GOLD FLASH ON CONTACT AREA; MATTE Sn80u" ON SOLDER AREA; ALL OVER 50u" Ni.
D	RING A	1	C5210-EH 0.2t	
C	RING B	1	C5210-EH 0.2t	
B	EARTH	1	C5210-EH 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 PHONE JACK			
DWN	QuanYi	PART NO.2SJ3108-111111F		
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