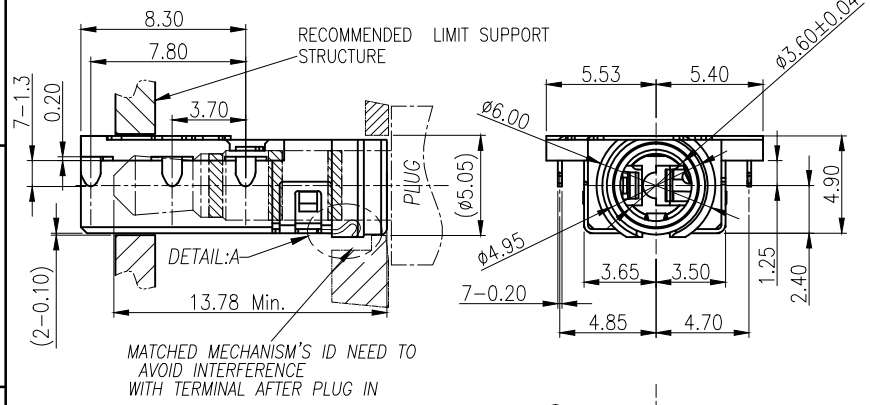
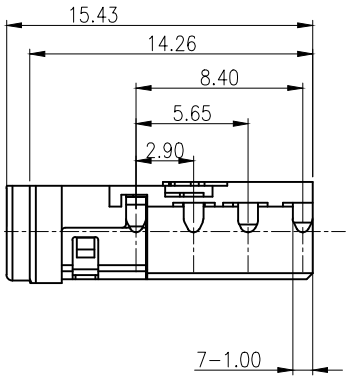
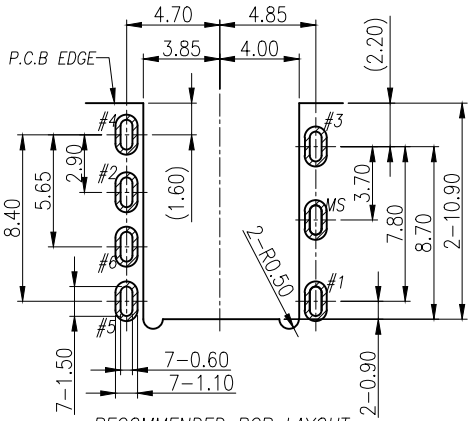
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR NO: T180315-1A	Julia	2018.6.5
B	ECN NO: S180725-C	Xinzhi	2018.08.16





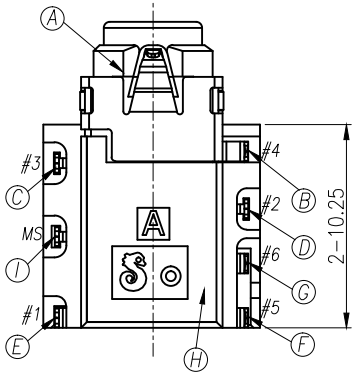
SPECIFICATIONS:

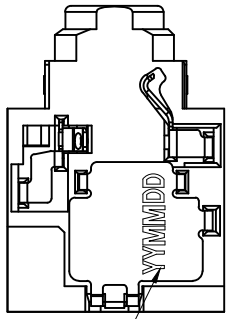
1. ELECTRICAL CHARACTERISTICS:
   - 1-1. RATING: 12V 1A
   - 1-2. CONTACT RESISTANCE: 50mΩ MAX.(INITIAL)
   - 1-3. DIELECTRIC WITHSTANDING VOLTAGE: 500V AC FOR ONE MINUTE.
   - 1-4. INSULATION RESISTANCE: 100MΩ MIN. MEASURED BY 500 VDC.
2. MECHANICAL CHARACTERISTICS:
   - 2-1. INSERTION FORCE: INITIAL 0.3-3.0Kgf;
   - 2-2. WITHDRAWAL FORCE: INITIAL 0.3-3.0Kgf;
3. LIFE TEST: 5,000 CYCLES MIN.
   AFTER LIFE TEST, CONTACT RESISTANCE: 100mΩ MAX.
4. MARKING: MARK"Ⓢ" ON TOP OF CONNECTOR.
5. PACKAGING : TAPE & REEL.
6. AFTER HUMIDITY TEST, INSULATION RESISTANCE: 50MΩ MIN.
7. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
8. HALOGEN FREE PRODUCT IDENTIFICATION MARK ON PRODUCT: ○
9. HALOGEN FREE PRODUCT IDENTIFICATION LOGO ON PACKAGING: ㊀
10. FOR REFLOW SOLDERING LEAD-FREE PROCESS.
11. PRINTED DATE CODE"YYMMDD▫ " ON TOP OF CONNECTOR.



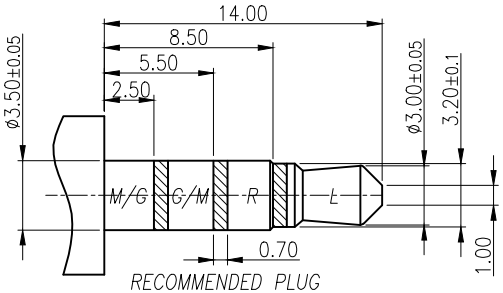
RECOMMENDED PCB LAYOUT

TOP VIEW ; TOL.±0.05



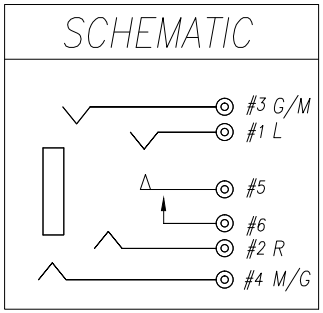


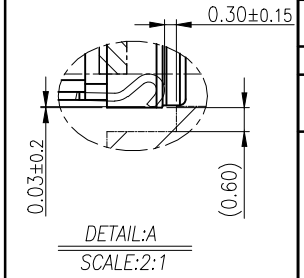
DATE CODE



RECOMMENDED PLUG

ø3.5 4-POLE STANDARD PLUG





DETAIL:A

SCALE:2:1

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
I	SHELL	1	C5210-EH 0.20T	Ni 60u"Min.
H	SEPARATOR	1	LCP +30% GF E130i UL 94V-0	BLACK
G	MAKE TERMINAL	1	C5210-EH T0.2	GOLD FLASH ON CONTACT AREA; GOLD FLASH ON SOLDER AREA; ALL OVER 50u" Ni.
F	TRANSFER TERMINAL	1	C5210-EH 0.2T	GOLD FLASH ON CONTACT AREA; Matte Sn 80u" ON SOLDER AREA; ALL OVER 50u" Ni.
E	TIP SPRING	1	C5210-EH T0.2	
D	RING A	1	C5210-EH T0.2	
C	RING B	1	C5210-EH T0.2	
B	EARTH	1	C5210-EH 0.2T	GOLD FLASH ON CONTACT AREA; GOLD FLASH ON SOLDER AREA; ALL OVER 50u" Ni.
A	BODY	1	PA4T+30% GF 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	Xinzhi	PART NO. 2SJ3095-189111F		
CHKD	Bruce	SCALE 4:1	UNIT: mm	
APVD	Liao	SIZE: A3	SHEET:1 OF 1	REV:B

CUSTOMER COPY

文件編號 RD-06-043-A