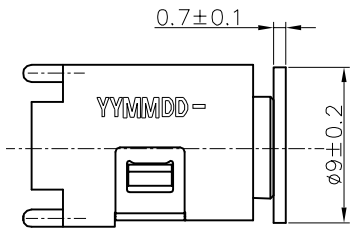
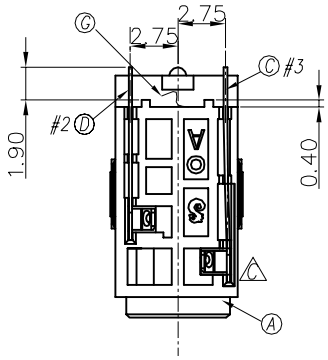
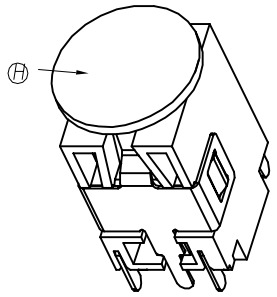
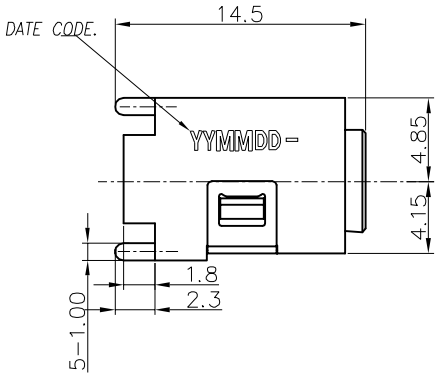
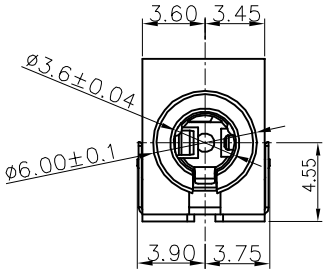
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR: S130626-9A	Bruce	2014.03.13
B	ECN: S140713	ANDY	2014.08.27
C	ECN: S160146-Q △C	Bruce	2016.06.22

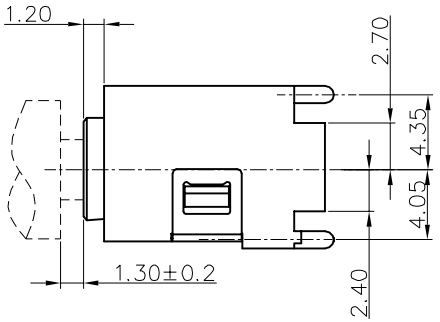






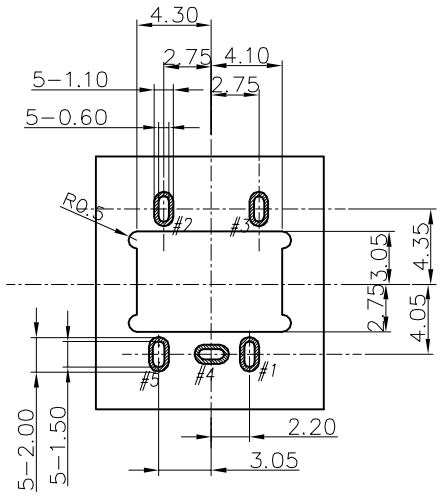




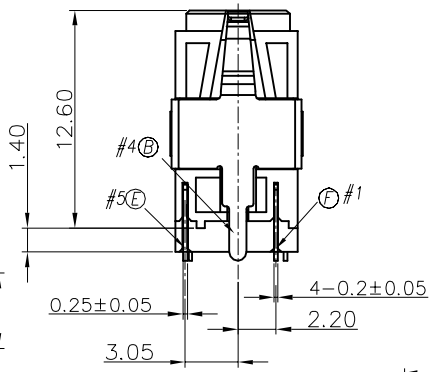


SPECIFICATIONS:

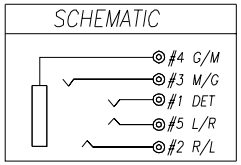
1. INSULATION RESISTANCE BETWEEN ANY ADJACENT OPEN CIRCUIT TERMINAL SHELL NOT BE LESS THAN 100MΩ MEASURED BY 500 VDC.
2. CONTACT RESISTANCE: 50mΩ MAX(INITIAL).
3. INSULATION VOLTAGE WITHSTAND:500V AC FOR ONE MINUTE.
4. UNLESS OTHERWISE SPECIFIED. TEST IS TO BE MADE AT 5-35°C IN TEMPERATURE AND 45-85% IN HUMIDITY. BUT,IF ANY VAGUE DATA IS OCCURED ON TEST RESULT, ANOTHER TEST SHALL BE MADE AT 20°C±2°C IN TEMP., 60-70% IN HUMIDITY.
5. LIFE TEST: 10,000 CYCLES MIN.
6. INSERTION FORCE: 0.3~3.0Kgf .
7. WITHDRAWAL FORCE: 0.3 - 3.0Kgf .
8. AFTER LIFE TEST, CONTACT RESISTANCE: 100mΩ MAX.
9. AFTER HUMIDITY TEST, INSULATION RESISTANCE: 50MΩ MIN.
10. MARKING: MARK" " ON CONNECTOR.
11. PACKAGING : TAPE & REEL.
12. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
13. HALOGEN FREE PRODUCT IDENTIFICATION MARK ON PRODUCT:
14. HALOGEN FREE PRODUCT IDENTIFICATION LOGO ON PACKAGING.
15. IR REFLOW: 270° 5sec

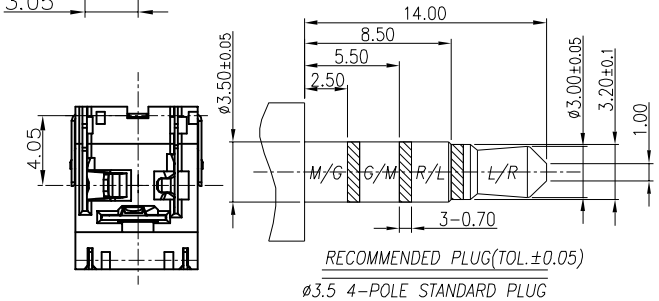


RECOMMENDED PCB LAYOUT
TOP VIEW ; TOL.±0.05



SCHEMATIC





RECOMMENDED PLUG(TOL.±0.05)
ø3.5 4-POLE STANDARD PLUG

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
H	CAP	1	PA10T+30%GF UL 94V-0	BLACK
G	DUMMY	1	SUS 304 1/2H 0.25t	50u" Ni Min
F	DETECT TERMINAL	1	SUS 304 1/2H 0.25t	GOLD FLASH ON CONTACT AREA; GOLD FLASH ON SOLDER AREA; ALL OVER 50u" Ni.
E	TIP-SPRING	1	PHOSPHOR BRONZE 0.2t	
D	RING-B	1	PHOSPHOR BRONZE 0.2t	
C	RING-A	1	PHOSPHOR BRONZE 0.2t	
B	EARTH-SPRING	1	PHOSPHOR BRONZE 0.2t	
A	BODY	1	PA10T+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	Bruce	PART NO. 2SJ3123-000111F		
CHKD	Sky	SCALE 4:1	UNIT: mm	
APVD	Lussen	SIZE: A3	SHEET:1 OF 1	REV: C

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文件編號 RD-06-043-A