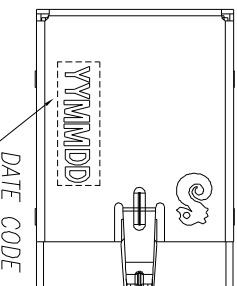
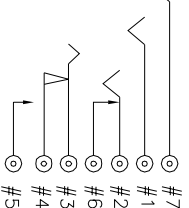
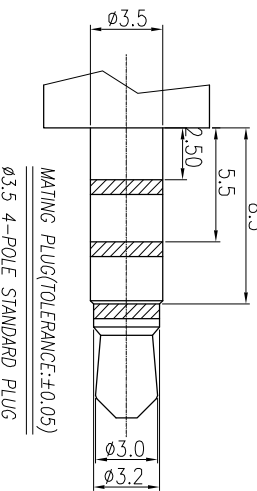


RECOMMENDED PCB LAYOUT (TOP VIEW)  
(TOLERANCE:±0.05)



- SPECIFICATIONS:
- INSULATION RESISTANCE BETWEEN ANY ADJACENT OPEN CIRCUIT TERMINAL SHELL NOT BE LESS THAN 100MΩ MEASURED BY 500 VDC MEGGER.
  - CONTACT RESISTANCE: 30mΩ Max..
  - INSULATION VOLTAGE WITHSTAND:  
500V AC FOR ONE MINUTE.
  - 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.
  - LIFE TEST: 5,000 CYCLES Min.(NON-LOAD).
  - INSERTION FORCE: 0.4 - 3kg.
  - WITHDRAWAL FORCE: 0.4 - 3kg.
  - AFTER LIFE TEST, CONTACT RESISTANCE: 50mΩ Max..
  - AFTER HUMIDITY TEST, INSULATION RESISTANCE: 50mΩ Min..
  - MARKING: MARK "S" ON TOP OF JACK.
  - PACKAGING: TAPE & REEL.
  - TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
  - HALOGEN FREE PRODUCT IDENTIFICATION MARK ON PRODUCT.
  - HALOGEN FREE PRODUCT IDENTIFICATION LOGO ON PACKAGING.
  - FOR LEAD-FREE PROCESS.

REV.	ECN NO.	OR DESCRIPTION	REVISED	DATE
A	PDR NO.T100301-5A	BRUCE	2010.09.01	
B	ECN NO.S140845	ANDY	2014.12.18	
C	ECN NO.S150152	ANDY	2015.03.12	
D	ECN NO: S151159-C	JIE-FU	2015.12.30	
E	ECN NO: S160827-C	JIE-FU	2016.10.13	
F	ECN NO: S202104-R10	Jinshuai	2021.06.15	

I	MYLAR	1	KAPTON	YELLOW
H	SHIELDING	1	C5191-H 0.2t	60µm NICKEL Min.
G	TRANSFER TERMINAL	1	C5210-SH 0.2t	1-3µm GOLD PLATING ON CONTACT ARCH
F	MAKE TERMINAL	1	C5191-H 0.2t	120µm TIN PLATING ON SOLDER TAIL; AND 50µm Min. NICKEL UNDER PLATING.
E	RING SPRING	1	C5210-EH 0.2t	
D	SHUNT TERMINAL-A	1	C2680-H 0.25t	20µm Ag OVER 60µm NICKEL
C	TIP SPRING	1	C5210-EH 0.25t	20µm Min. Ag ALL OVER 50µm NICKEL
B	EARTH	1	C5210-H 0.2t	1-3µm GOLD OVER 60µm NICKEL Min.
A	BODY	1	PA10T+30%GF(R630NH) UL 94V-0	BLACK
UNLESS OTHERWISE SPECIFIED TOLERANCES		SINGATRON ENTERPRISE CO., LTD. 信登企業股份有限公司		
DECIMALS:		ANGLES:	TITLE	
X :±0.5	X :±2°		3.5Ø PHONE JACK	
X.X :±0.3	X.X :±1°		DWN Jinshuai PART NO.2S13018-001311	
X.XX :±0.2			CHKD Bruce SCALE:4:1 UNIT: mm	
			APVD Max SIZE: A3 SHEET: 1 OF 1 REV: F	
CUSTOMER COPY				