



**SPECIFICATIONS:**

- INSULATION RESISTANCE BETWEEN ANY ADJACENT OPEN CIRCUIT TERMINAL SHELL NOT BE LESS THAN 100MΩ MEASURED BY 500 VDC.
- CONTACT RESISTANCE: 50mΩ MAX(INITIAL).
- 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: 10,000 CYCLES MIN.
- INSERTION FORCE: 2.5kg MAX.
- WITHDRAWAL FORCE: 1 - 2kg(INITIAL). WITHDRAWAL FORCE: 0.3kg MIN(AFTER LIFE TEST).
- AFTER LIFE TEST, CONTACT RESISTANCE: 100mΩ MAX.
- AFTER HUMIDITY TEST, INSULATION RESISTANCE: 50MΩ MIN.
- MARKING: MARK "S" ON TOP OF CONNECTOR.
- PACKING : TAPE & REEL.
- TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
- HALOGEN FREE PRODUCT IDENTIFICATION MARK ON PRODUCT:
- HALOGEN FREE PRODUCT IDENTIFICATION LOGO ON PACKAGING:

RECOMMENDED PCB LAYOUT

RECOMMENDED PLUG  
Ø3.5 4-POLE PLUG; TOL.±0.05

TOP VIEW : TOL.±0.05

REV.	ECN NO.	OR DESCRIPTION	REVISED	DATE
A	PDR: T130227-5A		Dengfeng	2013.08.13
B	ECN: S150122		ANDY	2015.02.14

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
G	DUMMY	1	SUS304-1/2H 0.25t	Ni 50U"
F	DET	1	PHOSPHOR BRONZE 0.2t	
E	L	1	SUS304-1/2H 0.25t	
D	RING	1	PHOSPHOR BRONZE 0.2t	GOLD FLASH ON CONTACT AREA. Matte Sn80u" ON SOLDER AREA.
C	GROUND	1	PHOSPHOR BRONZE 0.2t	ALL OVER 50u" Ni
B	MIC	1	PHOSPHOR BRONZE 0.2t	
A	BODY	1	HIGH TEMP.THERMOPLASTIC UL 94V-0	BLACK

Singatron Enterprise Co., Ltd.  
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TITLE	3.5Ø PHONE JACK
DWN	ANDY
CHKD	CERRY
APVD	LAO
PART NO.	2SJS113-000111F
SCALE	4:1
UNIT	mm
SHEET	1 OF 1
REV.	B

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