



REV.	ECN NO.	OR DESCRIPTION	REVISED	DATE
A	PDR	TI30109-11A	Aaron	2013.05.29
B	ECN NO.	S130670	Cerry	2013.12.04
C	ECN NO.	S140220	ANDY	2014.06.18

- 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.
 - LIFE TEST: 5,000 CYCLES MIN.
 - INSERTION FORCE: 0.3-3.0kgf
 - WITHDRAWAL FORCE: 0.3-3.0 kgf.
 - 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

TOP VIEW : TOL.±0.05

SCHEMATIC

② AND ③	NORMAL CLOSE
④ AND ⑤	NORMAL OPEN

J	MYLAR	1	L:10.5*W10.5*T0.06	YELLOW
I	B-TERMINAL	1	PHOSPHOR BRONZE 0.2T	GOLD FLASH ON CONTACT AREA
H	T-TERMINAL	1	PHOSPHOR BRONZE 0.2T	Sn 120μ" ON SOLDER TAIL;
G	SHUNT TERMINAL	1	PHOSPHOR BRONZE 0.2T	ALL OVER Ni 50μ"Min.
F	EARTH-B	1	PHOSPHOR BRONZE 0.2T	
E	EARTH-A	1	PHOSPHOR BRONZE 0.2T	Au 50" ON CONTACT AREA;
D	RING SPRING	1	ALLOY COPPER 0.2T	Sn 120μ" ON SOLDER TAIL;
C	TIP SPRING	1	PHOSPHOR BRONZE 0.25T	ALL OVER Ni 50μ"Min.
B	SHELL	1	PHOSPHOR BRONZE 0.25T	Ni 60μ"Min.
A	BODY	1	HIGH TEMP.THERMOPLASTIC MATERIAL	UL 94V-0 & BLACK PLATING & COLOR

UNLESS OTHERWISE SPECIFIED TOLERANCES

DECIMALS: ANGLES:

X : ±0.5 X : ±2°

X.X : ±0.3 X.X : ±1°

X.XX : ±0.2

Singatron Enterprise Co., Ltd.

信亨企業股份有限公司

03.5 SINKING TYPE AUDIO JACK

DWN ANDY PART NO. 2511012-160111P

CHKD CERRY SCALE:4:1 UNIT: mm

APVD MAX SIZE: A3 SHEET: 1 OF 1 REV: C

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