



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

RECOMMENDED PLUG
4-POLE(TOLERANCE: ±0.05)

REV.	ECN NO	OR DESCRIPTION	REVISED	DATE
A	PDR NO: S130702-4A		Kevin	2013.08.06
B	ECN NO: S131143		ANDY	2014.01.15
C	ECN NO: S131151		ANDY	2014.02.26

- SPECIFICATIONS:
- INSULATION RESISTANCE BETWEEN ANY ADJACENT OPEN CIRCUIT TERMINAL SHELL NOT BE LESS THAN 100MΩ MEASURED BY 500 VDC.
 - CONTACT RESISTANCE: 50mΩ 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 OCCURRED 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.
 - INSERTION FORCE: 0.3 - 3Kg.
 - WITHDRAWAL FORCE: 0.3 - 2Kg.
 - AFTER LIFE TEST, CONTACT RESISTANCE: 60mΩ 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 JACK:
 - HALOGEN FREE PRODUCT IDENTIFICATION LABEL ON PACKAGING:

I	SHIELDING	1	C5191 0.2t	Ni 60µin MIN.
H	EARTH-B	1	C5210 0.2t	GOLD FLASH ON CONTACT AREA; 120µin Sn ON SOLDER; ALL OVER 500" Ni.
G	TRANSFER TERMINAL	1	C5210 0.2t	
F	BREAK TERMINAL	1	C5191 0.2t	
E	SHUNT TERMINAL-A	1	C2680 0.25t	Ag 20µin over Ni 60µin
D	RING SPRING	1	C5210 0.2t	GOLD FLASH ON CONTACT AREA; 120µin Sn ON SOLDER; ALL OVER 500" Ni.
C	TIP SPRING	1	C5210 0.25t	GOLD FLASH PLATING ALL OVER 50µin Nickel Plating.
B	EARTH-A	1	C5210 0.2t	
A	BODY	1	LCP UL 94V-0	BLACK
NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
UNLESS OTHERWISE SPECIFIED TOLERANCES				
DECIMALS:		ANGLES:		
X	:±0.5	X	:±2°	
X.X	:±0.3	X.X	:±1°	
X.XX	:±0.2			
TITLE		φ3.50 AUDIO JACK		
DWN	ANDY	PART NO.	2S13015-01B111P	
CHKD	CERRY	SCALE:4:1	UNIT:	mm
APVD	MAX	SIZE: A3	SHEET:1 OF 1	REV: C
CUSTOMER COPY				

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