



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

RECOMMENDED PLUG
4-POLE

- SPECIFICATIONS:
- INSULATION RESISTANCE BETWEEN ANY ADJACENT OPEN CIRCUIT TERMINAL SHELL NOT BE LESS THAN 100MΩ MEASURED BY 500V DC.
 - 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 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.
 - 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:

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REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR NO. S120810-5A	HM-JIANG	2011.11.14

I	SHIELDING	1	COPPER ALLOY, 0.2t	Ni 60µin MIN.
H	EARTH-B	1	COPPER ALLOY, 0.2t	GOLD FLASH ON CONTACT AREA;
G	TRANSFER TERMINAL	1	COPPER ALLOY, 0.2t	120µin Sn ON SOLDER;
F	MAKE TERMINAL	1	COPPER ALLOY, 0.2t	ALL OVER 50µ" Ni.
E	SHUNT TERMINAL-A	1	COPPER ALLOY, 0.25t	Ag 20µin OVER Ni 60µin.
D	RING SPRING	1	COPPER ALLOY, 0.2t	GOLD FLASH ON CONTACT AREA;
C	TIP SPRING	1	COPPER ALLOY, 0.25t	120µin Sn ON SOLDER;
B	EARTH-A	1	COPPER ALLOY, 0.2t	ALL OVER 50µ" Ni.
A	BODY	1	HIGH TEMP.THERMOPLASTIC	BLACK COLOR
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: ø3.50 AUDIO JACK				
DWN	HM-JIANG	PART NO.	23S3015-014111F	
CHKD	JIANG	SCALE:4:1	UNIT: mm	
APVD	LISSBY	SIZE: A3	SHEET: 1 OF 1	REV: A
CUSTOMER COPY				

Singatron Enterprise Co., Ltd.
信晉企業股份有限公司

