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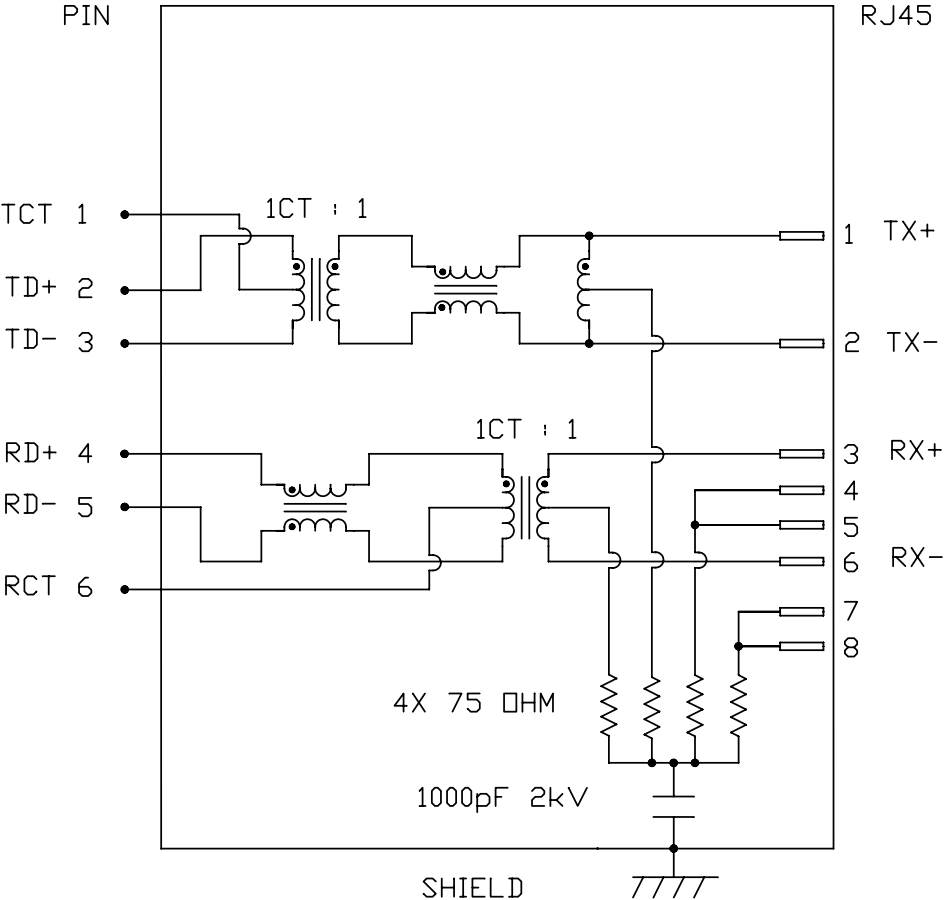
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ELECTRICAL CHARACTERISTICS @ 25°C

Turns Ratio	
TX	1CT : 1
RX	1CT : 1
OCCL @ 100kHz/100mVRMS	350µH MIN.
8mA DC BIAS	
INS. LOSS	
1MHz TO 100MHz	-1.0 dB MAX
RET. LOSS (MIN)	
1MHz-30MHz	-18 dB
30MHz-60MHz	-18+20LOG(F/30MHz) dB
60MHz-80MHz	-12 dB
CROSS TALK (TX - RX)	
500kHz-1MHz	-70 dB MIN
10 MHz	-50 dB MIN
30 MHz	-45 dB MIN
50 MHz	-40 dB MIN
100 MHz	-35 dB MIN
CM TO CM REJ	
100kHz-1MHz	-70 dB MIN
10 MHz	-47 dB MIN
30 MHz	-42 dB MIN
60 MHz	-37 dB MIN
100 MHz	-30 dB MIN
CM TO DM REJ	
100kHz-1MHz	-70 dB MIN
10 MHz	-60 dB MIN
30 MHz	-50 dB MIN
60 MHz	-45 dB MIN
100 MHz	-40 dB MIN
HIPOT (Isolation Voltage):	1500 Vrms or 2250VDC
100% OF PRODUCTION TESTED TO COMPLY WITH IEEE 802.3 ISOLATION REQUIREMENTS.	

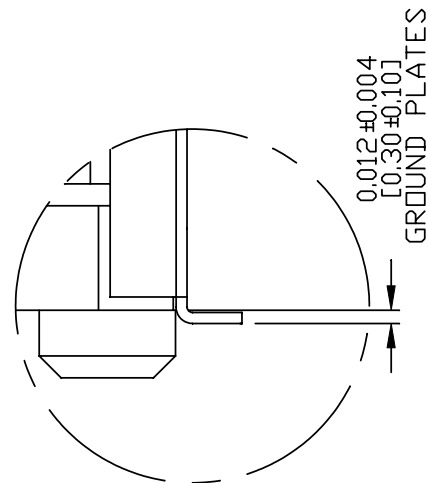
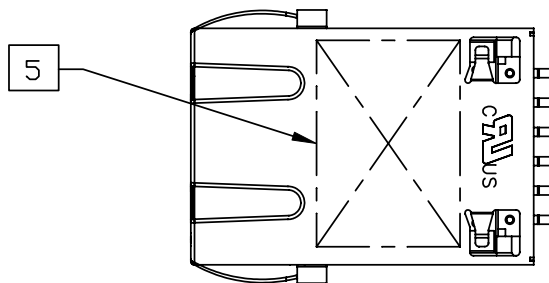
SCHEMATIC



ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM.	[] METRIC DIM. AS REFERENCE		 COMPONENTS FOR A CONNECTED PLANET
CHOW WANCHUNG	2012-07-27	SMD MagJack ® (CM Termination) S811-1X1T-A4-F PATENTED	S8111X1TA4-F	TOL. IN INCH	UNIT : INCH [mm]	REV. : D	
DRAWN BY	DATE			.X	SCALE : N/A	SIZE : A4	
TAN QIGUANG	2012-07-27			.XX		PAGE : 2	
			FILE NAME	.XXX			
			S8111X1TA4-F_D.DWG				

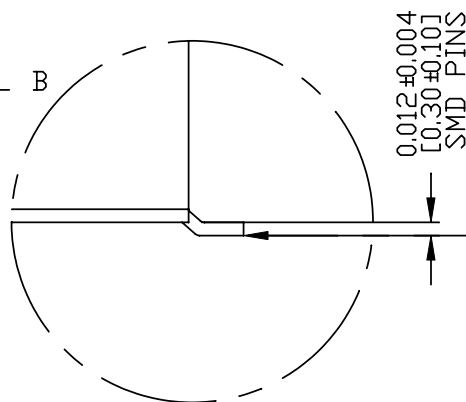
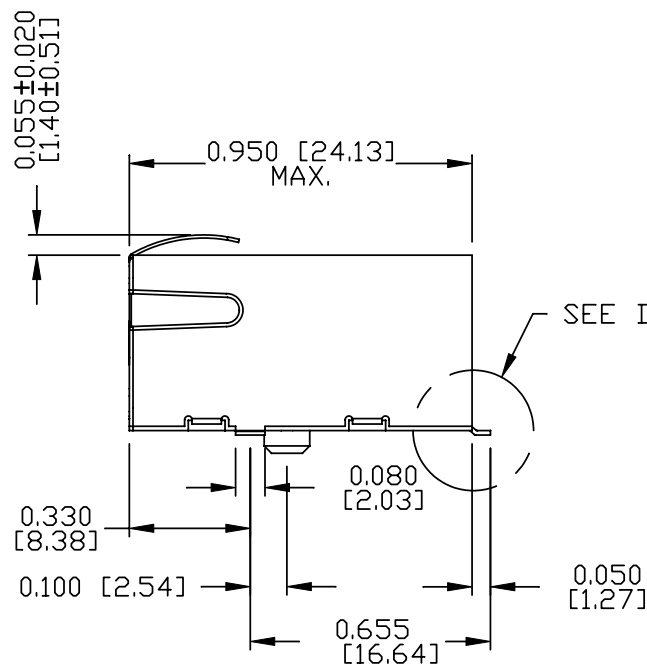
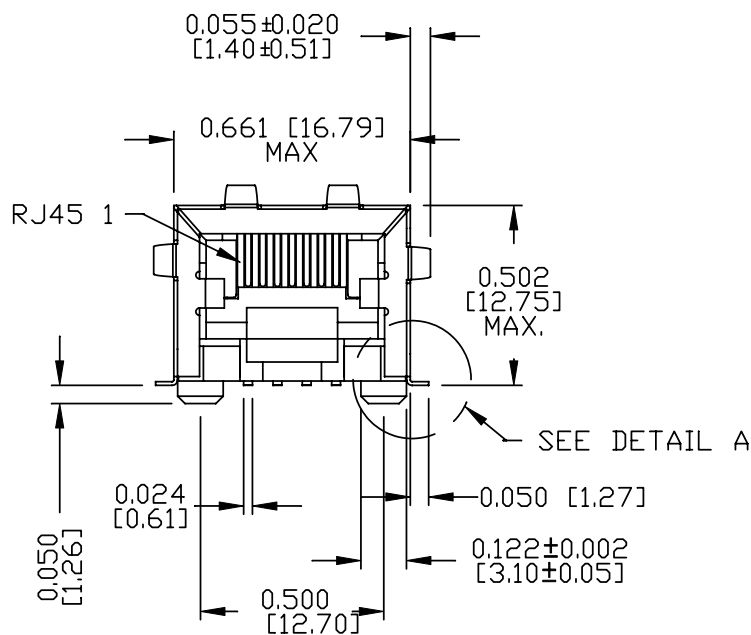
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DETAIL A

SCALE 3:1



DETAIL B

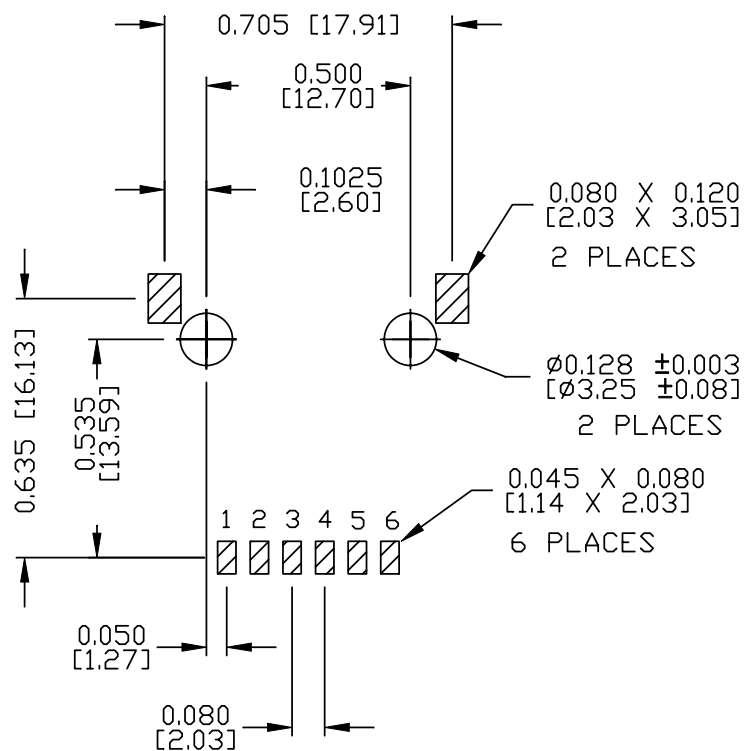
SCALE 3:1

	0.006
	0.006

ORIGINATED BY ANTON LIAO	DATE 2012-07-28	TITLE SMD MagJack ® (CM Termination) S811-1X1T-A4-F PATENTED	PART NO. / DRAWING NO. S811X1TA4-F	STANDARD DIM. TOL. IN INCH		[] METRIC DIM. AS REFERENCE		 COMPONENTS FOR A CONNECTED PLANET
DRAWN BY HE ZHEN	DATE 2012-07-28		FILE NAME S811X1TA4-F_D.DWG	.X		UNIT : INCH [mm]	REV. : D	
				.XX		SCALE : N/A	SIZE : A4	
		.XXX		±0.010		PAGE : 3		



RECOMMENDED PCB FOOTPRINT
COMPONENT SIDE VIEW



NOTES:

1. PLASTIC HOUSING: THERMOPLASTIC PA & THERMOSET PHENOLIC.
FLAMMABILITY RATING UL 94V-0
2. CONTACTS PLATING: 50 MICRO-INCH HARD GOLD PLATING
OR EQUIVALENT.
3. PINS: TIN-COATED COPPER WIRE,
0.024 [0.6] X 0.012 [0.3] THK,
4. METAL SHIELD: NICKEL PLATED ON COPPER ALLOY.
5. MARK PART WITH MFG. LOGO, MFG. NAME, PART NUMBER,
DATE CODE AND PATENTED.
6. JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS.
7. THE PRODUCT IS RoHS COMPLIANT.
8. THE PRODUCT IS PATENT PRODUCT. THE PATENT NUMBER IS
U.S. PAT. 5,736,910.



UL RECOGNIZED - FILE #E196366 AND E169987.

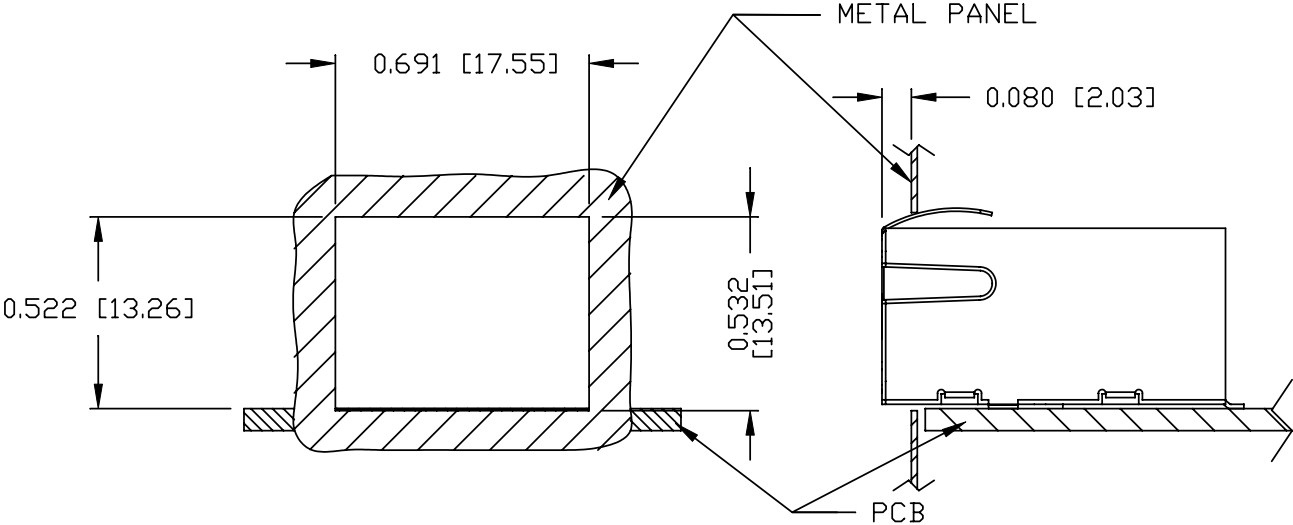
ORIGINATED BY ANTON LIAO	DATE 2012-07-28	TITLE SMD MagJack ® (CM Termination) S811-1X1T-A4-F PATENTED	PART NO. / DRAWING NO. S811X1TA4-F	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE	
DRAWN BY HE ZHEN	DATE 2012-07-28		FILE NAME S811X1TA4-F_D.DWG	.X .XX .XXX	UNIT : INCH [mm] SCALE : N/A 	REV. : D SIZE : A4 PAGE : 4

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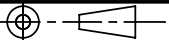


SUGGESTED PANEL OPENING



NOTES:

THE DISTANCE OF PANEL INSIDE SURFACE RELATIVE TO FRONT SURFACE OF PART IS ONLY A SUGGESTION.
IN CASE THIS DISTANCE IS DIFFERENT, THE REQUIRED PANEL OPENING DIMENSIONS CHANGE ACCORDINGLY.

ORIGINATED BY ANTON LIAO	DATE 2012-07-28	TITLE SMD MagJack ® (CM Termination) S811-1X1T-A4-F PATENTED	PART NO. / DRAWING NO. S8111X1TA4-F	STANDARD DIM. TOL. IN INCH		[] METRIC DIM. AS REFERENCE		 COMPONENTS ON A CONNECTED PLANET
				.X		UNIT : INCH [mm]	REV. : D	
DRAWN BY HE ZHEN	DATE 2012-07-28		FILE NAME S8111X1TA4-F_D.DWG	.XX		SCALE : N/A	SIZE : A4	
				.XXX	±0.004		PAGE : 5	