



DOCUMENT / PART NO.: SI-60060-F

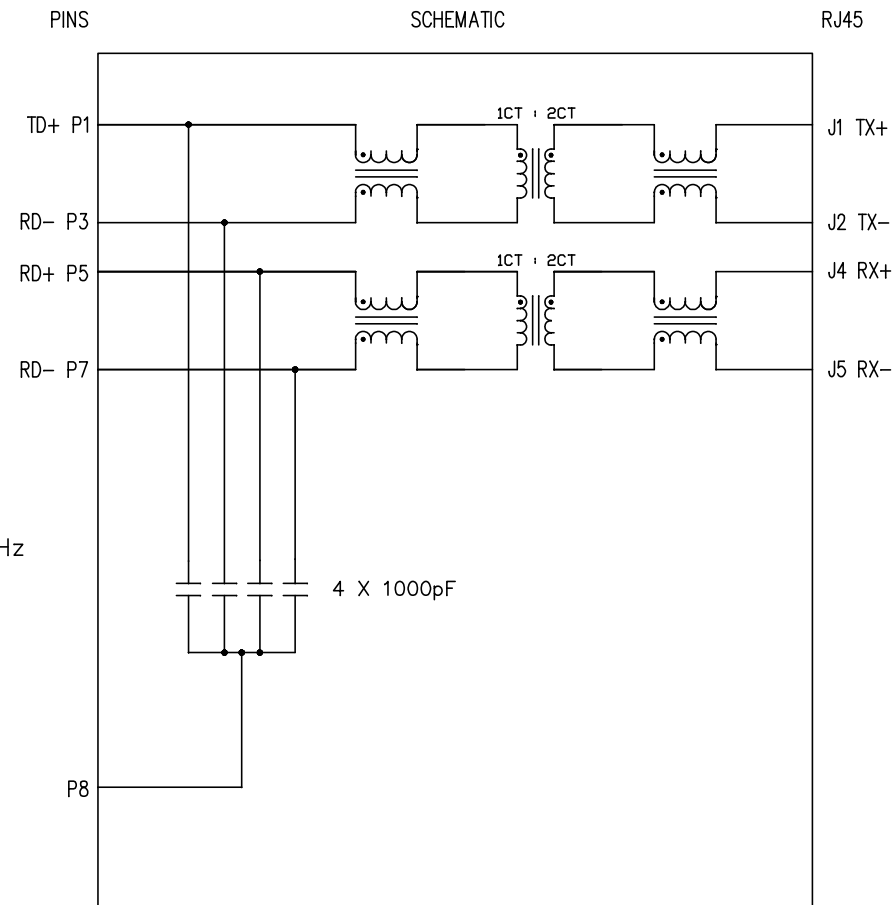
TITLE : 10/100BT,TAB DOWN SHIELDED

ISSUE	DESCRIPTION OF CHANGE								REVIEWED BY				APPROVED BY				ECN#	
A0	Use new format and production release								Bain Liu				Steven Weller				06368	

ELECTRICAL CHARACTERISTICS @ 25° C

ELECTRICAL SPECIFICATIONS:

- 1.0 TURNS RATIO: (P3-P1) : (J2-J1) : 1 : 2 ± 3%
(P7-P5) : (J5-J4) : 1 : 2 ± 3%
- 2.0 INDUCTANCE: (P3-P1) ; (P7-P5) : 1.2mH MIN. @ 0.1V, 100KHz
- 3.0 LEAKAGE INDUCTANCE: P3-P1 (WITH J2 AND J1 SHORT) : 0.5uH MAX. @ 1MHz
P7-P5 (WITH J5 AND J4 SHORT) : 0.5uH MAX. @ 1MHz
- 4.0 INTERWINDING CAPACITANCE: (P3,P1) TO (J2,J1) : 35pf MAX @ 1MHz
(P7,P5) TO (J5,J4) : 35pf MAX. @ 1MHz
- 5.0 COMMON MODE ATTENUATION: : -20dB TYP @ 5MHz TO 100MHz
- 6.0 HIPOT: (P7-P5) TO (J5-J4) : 1500VAC
(P3-P1) TO (J2-J1) : 1500VAC
- 7.0 RETURN LOSS: (J1-J2 & J4-J5) 100 OHM REF.
51KHz TO 102KHz : 12dB MIN
102KHz TO 2.048MHz : 18dB MIN
2.048MHz TO 3.072MHz : 14dB MIN
NOTE ; 25 OHMS CONNECTED TO PINS P1-P3 & P5-P7.
- 8.0 DC RESISTANCE: (P7-P5) ; (P3-P1) : 0.8 ohms Max.

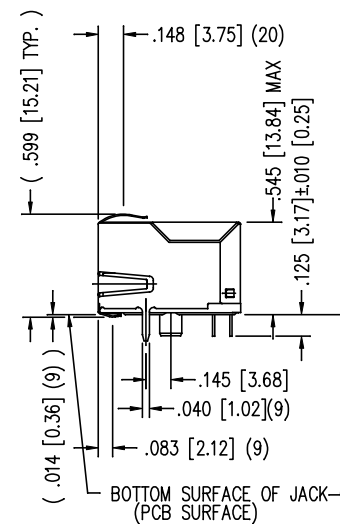
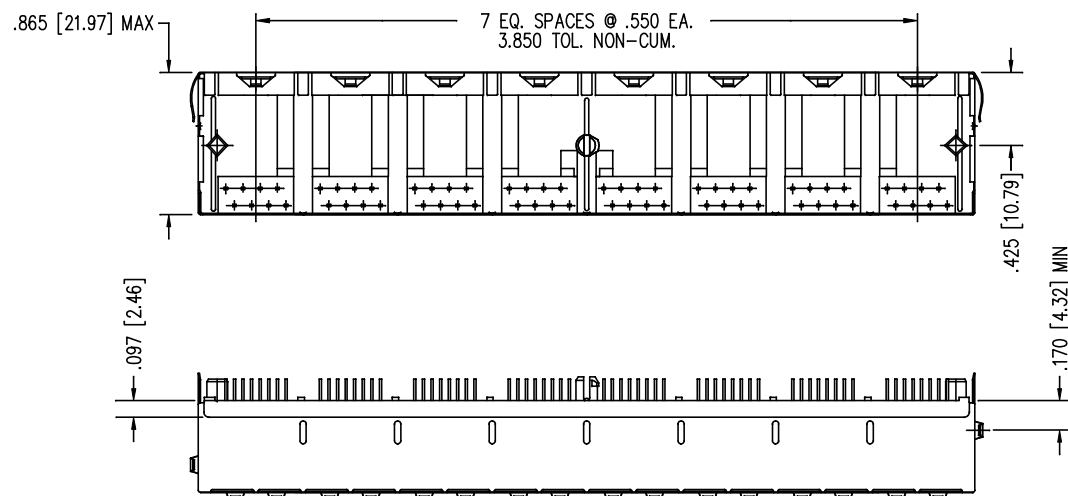
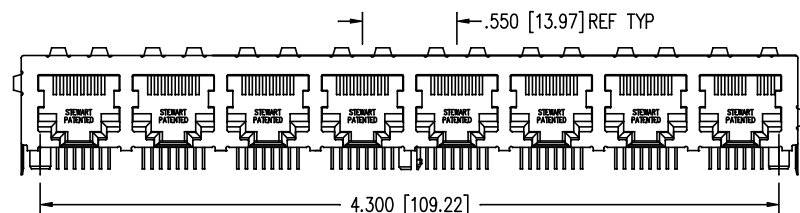
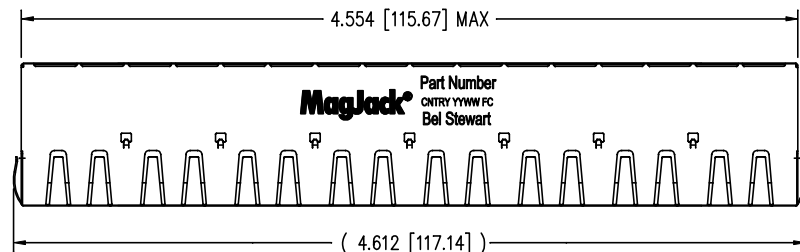


NOTES: 1.0 PINS WITHOUT ELECTRICAL CONNECTION ARE OMITTED.

ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE	
					UNIT : INCH [mm]	REV. : A0
Zeng Xiao Chun	03-14-2011	MagJack® 10/100BT TAB DOWN,SHIELDED	SI-60060-F	.X .XX .XXX ±0.005	SCALE : N/A	SIZE : A4
DRAWN BY	DATE					PAGE : 2
Zhang Ru Sheng	03-14-2011					

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RoHS
2002/95/EC



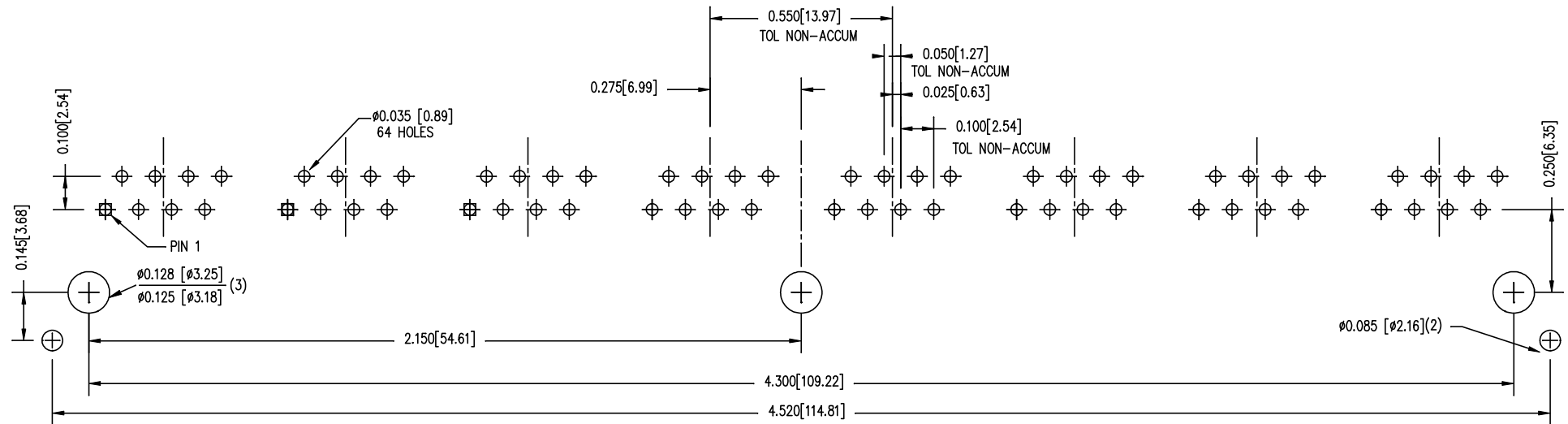
NOTES:

- CONNECTOR MATERIALS:
HOUSING: THERMOPLASTIC UL94 V-0
CONTACT/SHIELD: COPPER ALLOY
SHIELD PLATING: NICKEL OR TIN
CONTACT PLATING: SELECTIVE GOLD,
50 MICRO-INCHES MIN. IN CONTACT AREA.
- PIN NOT ELECTRICALLY CONNECTED MAYBE OMITTED.
SEE ELECTRICAL DRAWING FOR OMITTED PINS.
- TOLERANCES COMPLY WITH F.C.C. DIMENSION REQUIREMENTS.
- ALL TOLERANCES NOT OTHERWISE SPECIFIED TO BE ±.005 [0.13]
- REFLOW AND WAVE SOLDER COMPATIBLE-260°C FOR
10 SECONDS MAX

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Zeng Xiao Chun	03-14-2011	MagJack® 10/100BT TAB DOWN,SHIELDED	SI-60060-F	TOL. IN INCH	UNIT : INCH [mm]	REV. : A0
DRAWN BY	DATE		FILE NAME	.X	SCALE : N/A	SIZE : A4
Zhang Ru Sheng	03-14-2011		SI-60060-F.DWG	.XX		PAGE : 3
				.XXX		

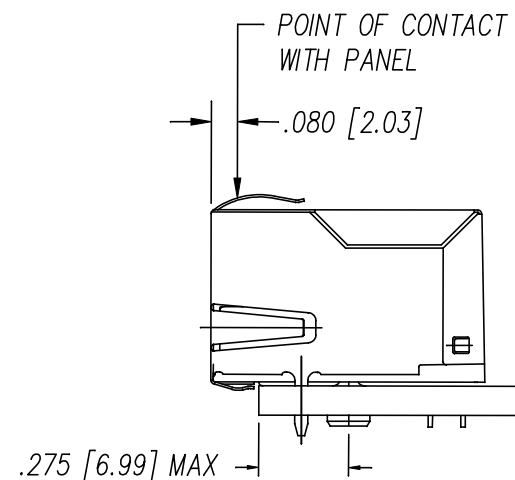
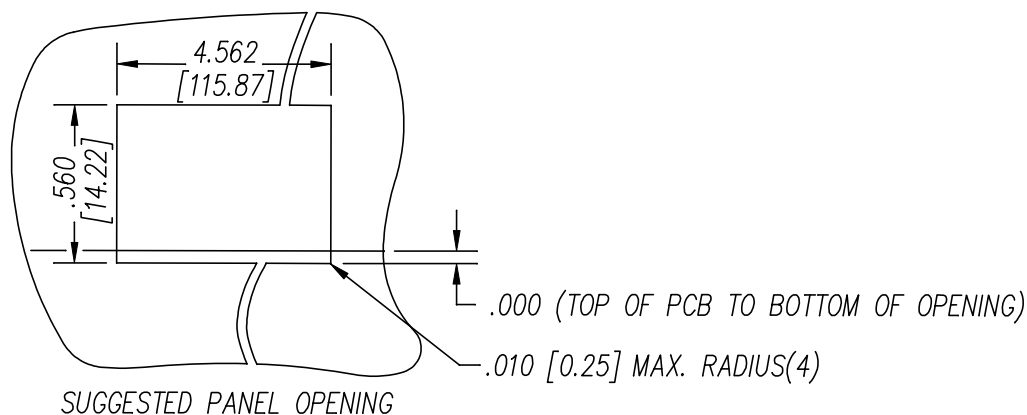


COMPONENTS OR A
CONNECTED
PLANET



P.C.B. RECOMMENDED HOLE LAYOUT
SEEN FROM COMPONENT SIDE
TOLERANCE ± 0.003 [0.08] UNLESS OTHERWISE SPECIFIED

ORIGINATED BY	DATE	TITLE MagJack® 10/100BT TAB DOWN,SHIELDED	PART NO. / DRAWING NO.	STANDARD DIM.	[] METRIC DIM. AS REFERENCE		bel COMPONENTS FOR A CONDUCTED PLANET	
Zeng Xiao Chun	03-14-2011		SI-60060-F		TOL. IN INCH	UNIT : INCH [mm]		REV. : A0
DRAWN BY	DATE		FILE NAME	.X		SCALE : N/A		SIZE : A4
Zhang Ru Sheng	03-14-2011		SI-60060-F.DWG	.XX				PAGE : 4
			.XXX	±0.005				



1. THE SUGGESTED PANEL OPENING IS INTENDED TO GIVE THE USER THE ABILITY TO HAVE REASONABLE JACK / PANEL CLEARANCES YET MAINTAIN RELIABLE GROUNDING CAPABILITY.
2. ALL TOLERANCES NOT OTHERWISE SPECIFIED TO BE ± 0.005 [0.13]

ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM.	[] METRIC DIM. AS REFERENCE	
Zeng Xiao Chun	03-14-2011	MagJack® 10/100BT TAB DOWN, SHIELDED	SI-60060-F	TOL. IN INCH	UNIT : INCH [mm]	REV. : A0
DRAWN BY	DATE		FILE NAME	.X	SCALE : N/A	SIZE : A4
Zhang Ru Sheng	03-14-2011		SI-60060-F.DWG	.XX		PAGE : 5
				.XXX		