

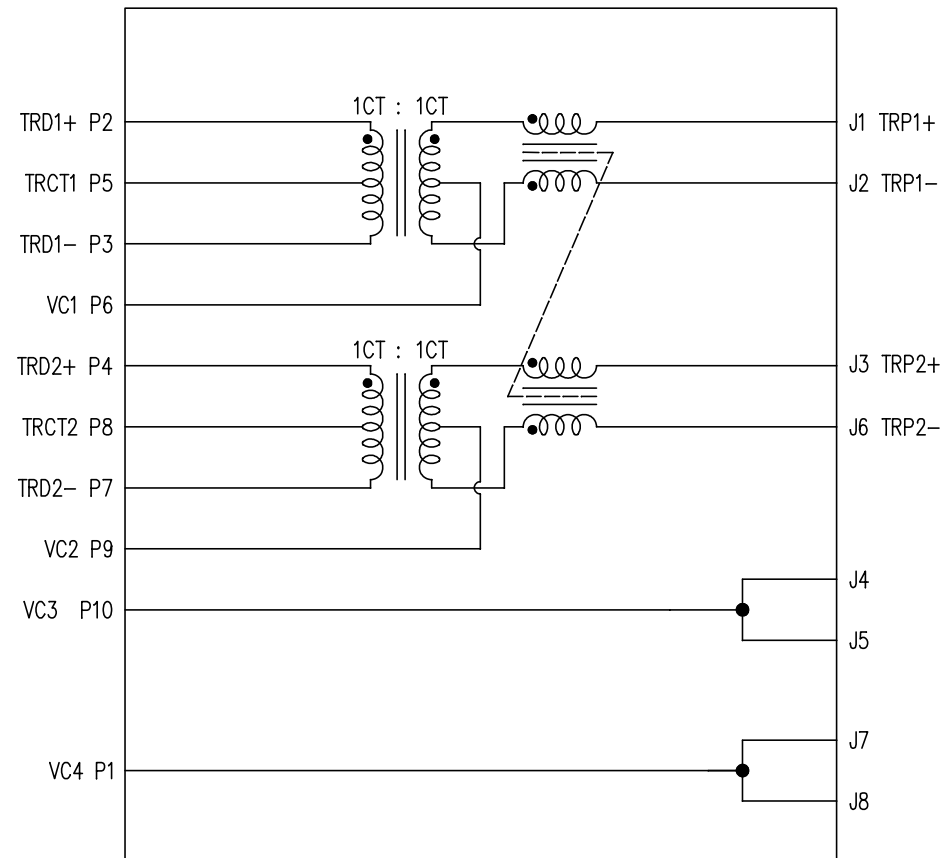
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PRELIMINARY



ELECTRICAL CHARACTERISTICS @ 25°C

- 1.0 TURNS RATIO:
 (P4-P8-P7) : (J3-J6) 1CT:1CT±3%
 (P2-P5-P3) : (J1-J2) 1CT:1CT±3%
- 2.0 INDUCTANCE:
 P4-P7 350uH min. @0.1V,100KHz,8mA DC BIAS
 P2-P3 350uH min. @0.1V,100KHz,8mA DC BIAS
- 3.0 LEAKAGE INDUCTANCE:
 P4-P7 (WITH J6 & J3 SHORT) 0.3uH MAX.@1MHz
 P2-P3 (WITH J2 & J1 SHORT) 0.3uH MAX.@1MHz
- 4.0 DC CURRENT WITHSTANDING: 350mA
- 5.0 DC RESISTANCE:
 (J6-J3)=(J2-J1) 1.2 OHM MAX.
- 6.0 RETURN LOSS: 100 OHM REF.
 1MHz TO 30MHz 18dB MIN.
 60MHz TO 80MHz 12dB MIN.
- 7.0 VOLTAGE WITHSTAND:
 (J1, J2) TO (P2, P3) 2000Vdc
 (J3, J6) TO (P4, P7) 2000Vdc
- 8.0 INSERTION LOSS: RS=RL=100 OHM
 100KHz TO 100MHz 1.1dB TYP.
- 9.0 CROSS TALK:
 1MHz TO 100 MHz 40dB TYP.
- 10.0 DIFFERENTIAL TO COMMON MODE ATTENUATION:
 30MHz TO 100MHz 40dB TYP.
- 11.0 OPERATING TEMPERATURE RANGE: -40°C TO 85°C



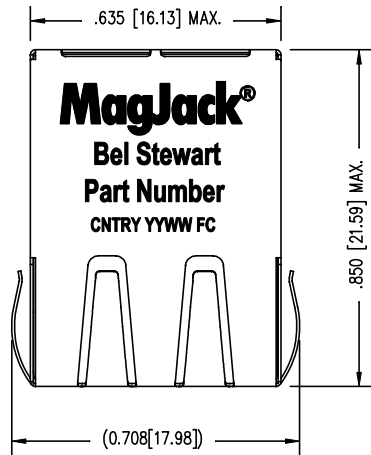
ORIGINATED BY X.B Wei	DATE 05-12-10	TITLE MagJack® PoE 10/100 BT TAB DOWN, SHIELDED	PART NO. / DRAWING NO. SI-62006-F	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE		 COMPONENTS FOR A CONNECTED PLANET
DRAWN BY X.B Wei	DATE 05-12-10	FILE NAME SI-62006-F.DWG	.X	UNIT : INCH [mm]	REV. : X0	SIZE : A4	
			.XX	SCALE : N/A		PAGE : 2	
			.XXX	±0.005			

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RoHS
2002/95/EC

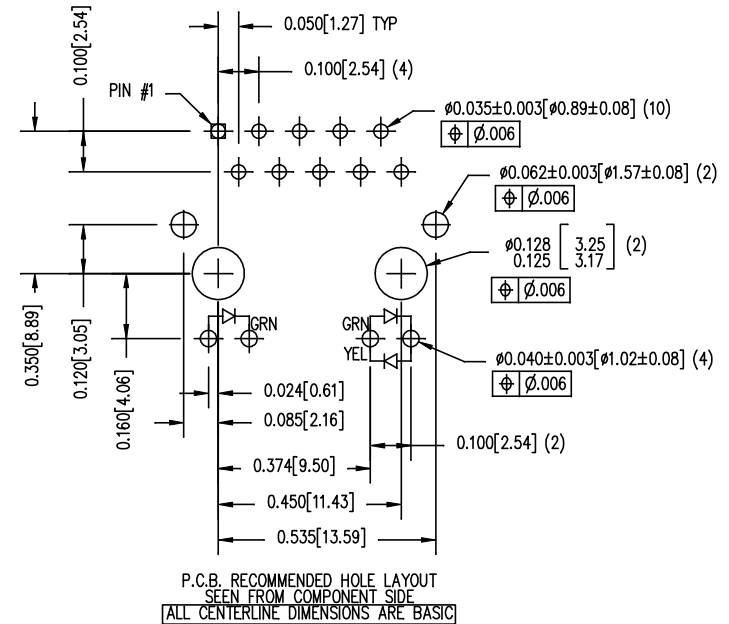
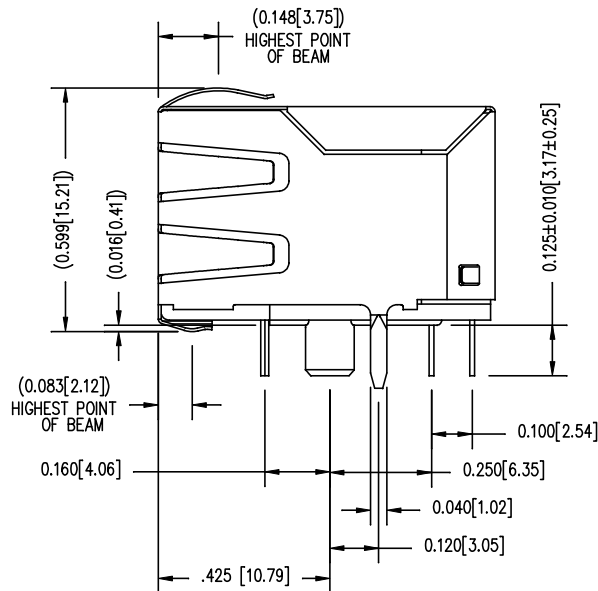
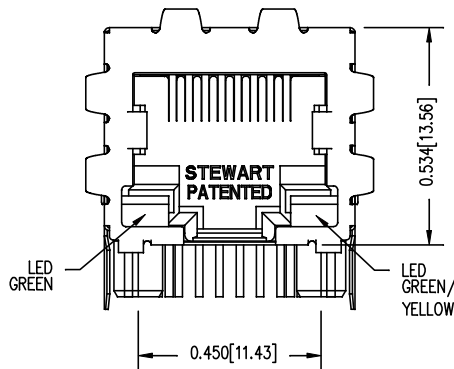


PRELIMINARY



LED SPECIFICATION			
STANDARD LED	WAVELENGTH	FORWARD V (MAX)	*(TYP)
GREEN	565 nm	2.5 V	2.2 V
YELLOW	590 nm	2.5 V	2.1 V

*WITH A FORWARD CURRENT OF 20 mA (TYP)



NOTES:

- CONNECTOR MATERIALS:
HOUSING: THERMOPLASTIC UL94-V0
CONTACT/SHIELD: COPPER ALLOY
SHIELD PLATING: NICKEL OR TIN
CONTACT PLATING: SELECTIVE GOLD,
50 μ 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.
- REFLOW SOLDER COMPATIBLE - 230°C/90 SEC MAX.

ORIGINATED BY	DATE
X.B Wei	05-12-10
DRAWN BY	DATE
X.B Wei	05-12-10

TITLE	MagJack®
	PoE 10/100 BT TAB DOWN, SHIELDED

PART NO. / DRAWING NO.	SI-62006-F
FILE NAME	SI-62006-F.DWG

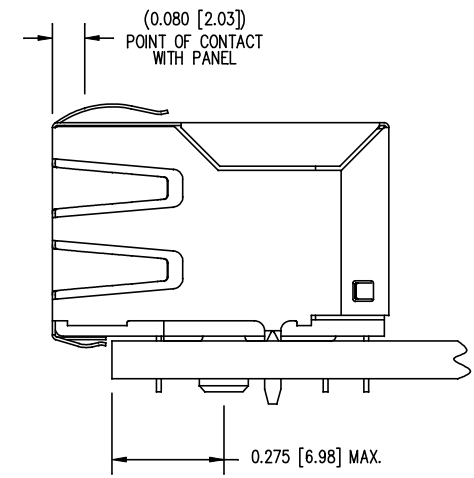
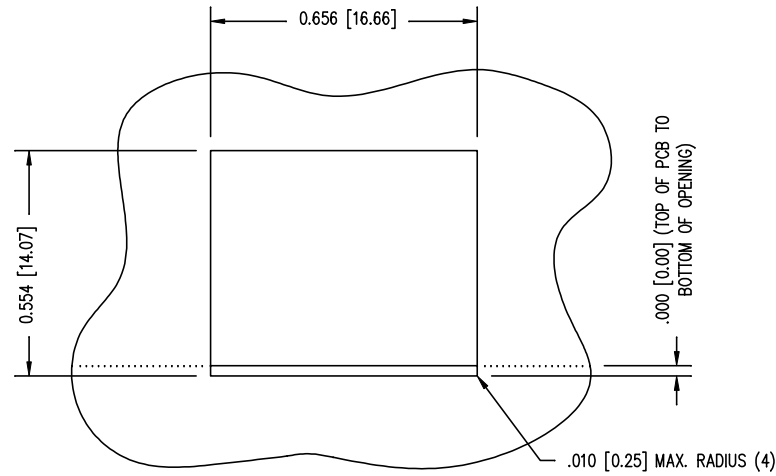
STANDARD DIM.	[] METRIC DIM. AS REFERENCE
TOL. IN INCH	UNIT : INCH [mm]
.X	REV. : X0
.XX	SCALE : N/A
.XXX	±0.005

UNIT : INCH [mm]	REV. : X0
SCALE : N/A	SIZE : A4
	PAGE : 3



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PRELIMINARY



NOTES:

1. THE SUGGESTED PANEL OPENING IS INTENDED TO GIVE THE USER THE ABILITY TO HAVE REASONABLE JACK / PANEL CLEARANCES YET MAINTAIN RELIABLE GROUNDING CAPABILITY.

ORIGINATED BY X.B Wei	DATE 05-12-10	TITLE MagJack® PoE 10/100 BT TAB DOWN, SHIELDED	PART NO. / DRAWING NO. SI-62006-F	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE		bel COMPONENTS FOR A CONNECTED PLANET
DRAWN BY X.B Wei	DATE 05-12-10		FILE NAME SI-62006-F.DWG	.X .XX .XXX	UNIT : INCH [mm] SCALE : N/A	REV. : X0 SIZE : A4 PAGE : 4	
				±0.005			