

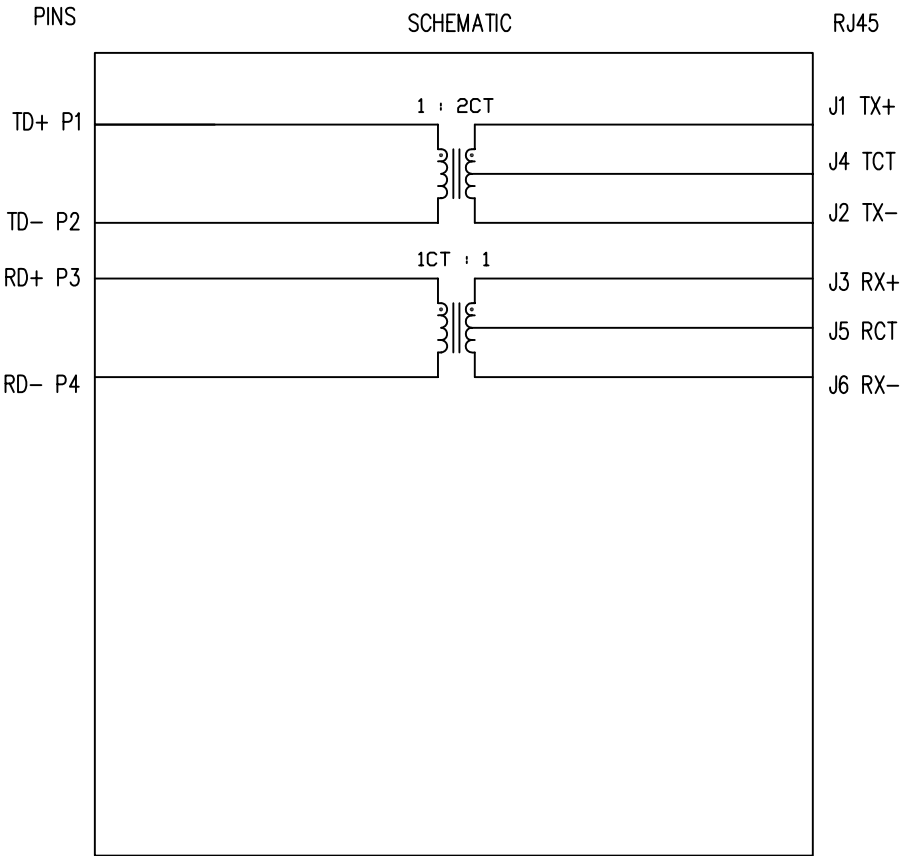
THE INFORMATION CONTAINED HEREIN IS CONSIDERED "PROPRIETARY" TO BEL FUSE INC. AND SHALL NOT BE COPIED, REPRODUCED OR DISCLOSED WITHOUT THE WRITTEN APPROVAL OF BEL FUSE INC.



PRELIMINARY

ELECTRICAL CHARACTERISTICS @ 25°C

1.0	Turns Ratio:	
	TX	1 : 2CT
	Rx	1CT : 1
2.0	OCL:	
	PIN (1-2)	1.2mH MIN. @ 10KHz, 10mV
	PIN (3-5)	1.2mH MIN. @ 10KHz, 10mV
3.0	Leakage Inductance:	
	PIN(1-2) WITH RJ(1-3) SHORT	0.6uH MAX. @ 1MHz, 20mV
	PIN(3-5) WITH RJ(4-5) SHORT	0.6uH MAX. @ 1MHz, 20mV
4.0	DC Resistance:	
	PIN(1-2)=PIN(3-5)=RJ(4-5)	0.7 Ohm MAX.
	RJ(1-3)	1.4 Ohm MAX.
5.0	Interwinding Capacitance:	
	PIN(1-2): RJ1-3)	40pF MAX. @ 1MHz, 20mV
	PIN(3-5): RJ(4-5)	40pF MAX. @ 1MHz, 20mV
6.0	HIPOT:	1500 Vrms MIN



NOTES

1.0 PINS WITHOUT ELECTRICAL CONNECTIONS ARE OMITTED.

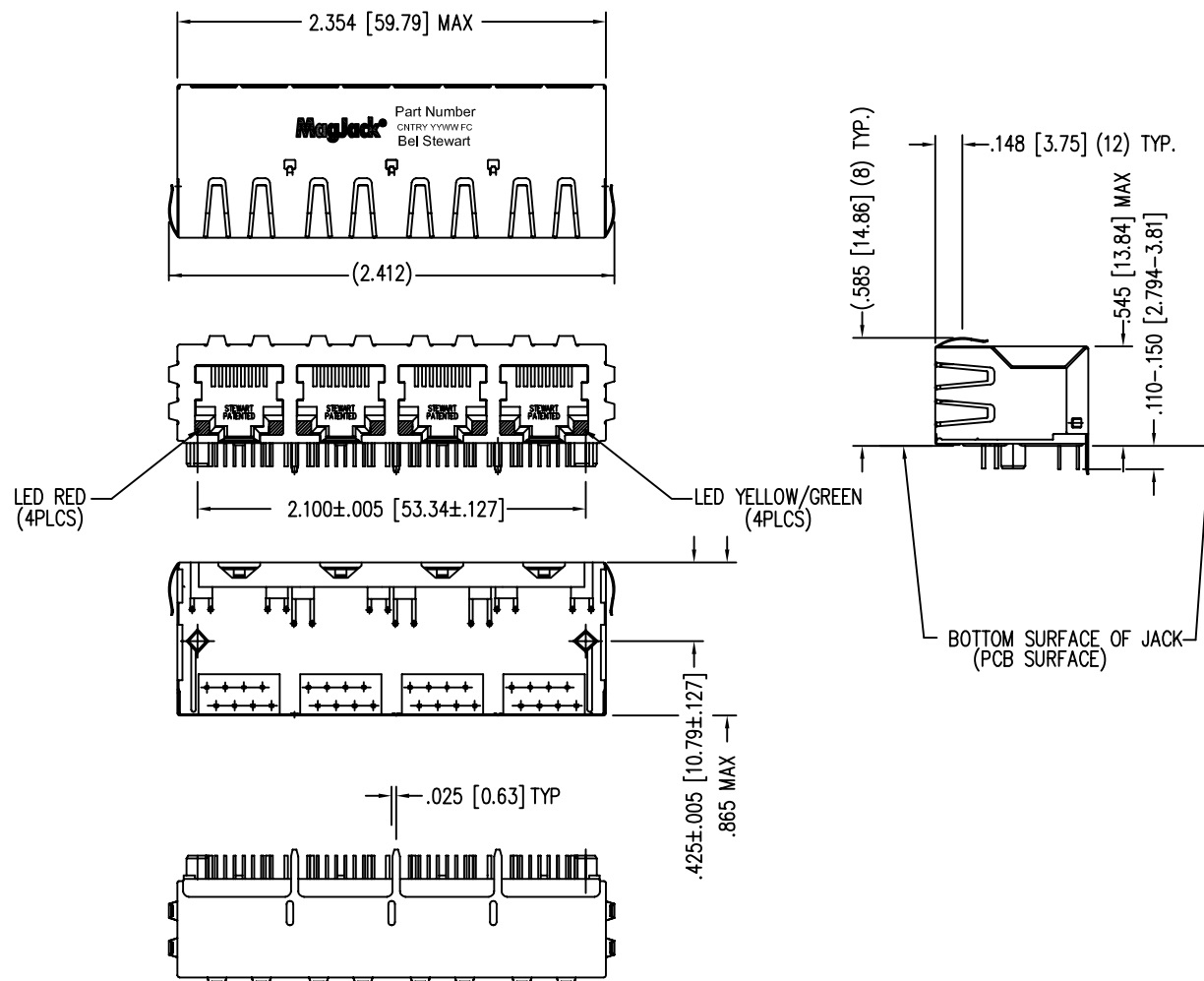
ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM.	[] METRIC DIM. AS REFERENCE		
Bain Liu	04/29/08	 T1/E1 RJ45, 4PORTS	SI-60222-F	TOL. IN INCH	UNIT : INCH [mm]	REV. : X1	 COMPONENTS FOR A CONNECTED PLANET Stewart Connector
DRAWN BY	DATE		FILE NAME	.X	SCALE : N/A	SIZE : A4	
Meiy He	04/29/08		SI-60222-F.DWG	.XX	⊕ — □	PAGE : 1	
				.XXX	±0.005		



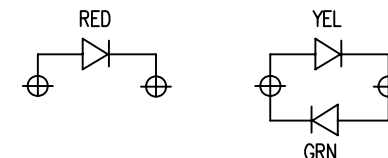
PRELIMINARY

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
RED	625 nm	2.5 V	2.0 V

*WITH A FORWARD CURRENT OF 20 mA (TYP)



LED POLARITY



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]
- WAVE SOLDER COMPATIBLE - PREHEAT 125°C/90SECS.

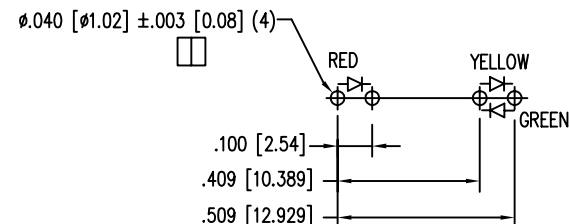
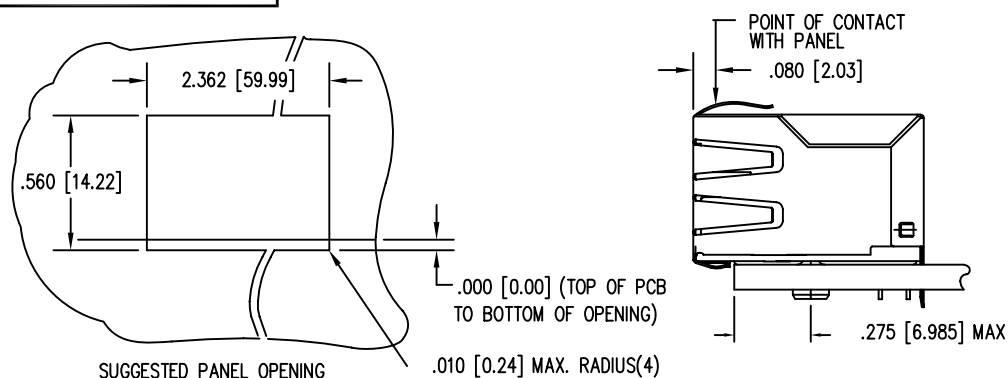
ORIGINATED BY	DATE	TITLE MagJack® T1/E1 RJ45, 4PORTS	PART NO. / DRAWING NO.	STANDARD DIM.		[] METRIC DIM. AS REFERENCE		bel COMPONENTS FOR A CONNECTED PLANET Stewart Connector
Bain Liu	04/29/08		SI-60222-F	TOL. IN INCH		UNIT : INCH [mm]	REV. : X1	
DRAWN BY	DATE		FILE NAME	.X		SCALE : N/A	SIZE : A4	
Meiy He	04/29/08		SI-60222-F.DWG	.XX				
				.XXX	±0.005		PAGE : 2	

THE INFORMATION CONTAINED HEREIN IS CONSIDERED "PROPRIETARY" TO BEL FUSE INC. AND SHALL NOT BE COPIED, REPRODUCED OR DISCLOSED WITHOUT THE WRITTEN APPROVAL OF BEL FUSE INC.

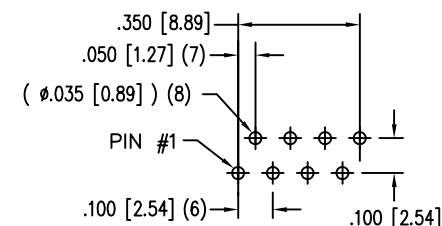
RoHS
2002/95/EC



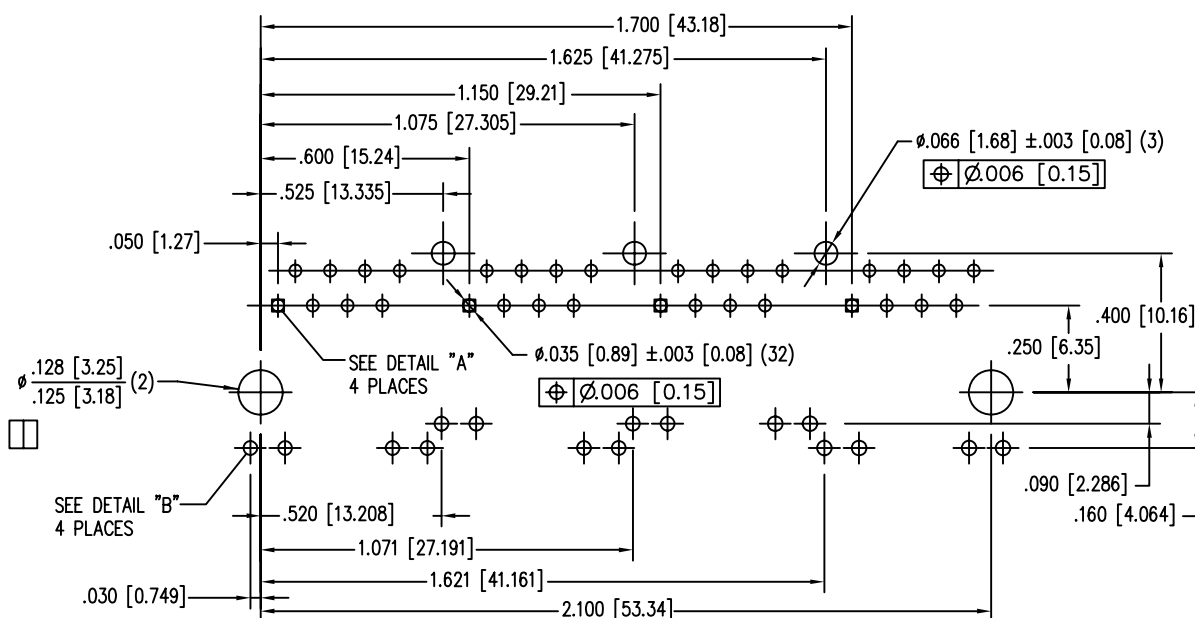
PRELIMINARY



DETAIL "B"
TYPICAL LED HOLE LAYOUT



DETAIL "A"
TYPICAL HOLE LAYOUT
4 PLACES



P.C.B. RECOMMENDED HOLE LAYOUT
SEEN FROM COMPONENT SIDE

ALL CENTERLINE DIMENSIONS ARE BASIC.

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	
Bain Liu	04/29/08	MagJack® T1/E1 RJ45, 4PORTS	SI-60222-F	TOL. IN INCH	UNIT : INCH [mm]	REV. : X1
DRAWN BY	DATE		FILE NAME		SCALE : N/A	SIZE : A4
Meiy He	04/29/08		SI-60222-F.DWG	.X .XX .XXX	±0.005	PAGE : 3

bel
COMPONENTS FOR A
CONNECTED
PLANET
Stewart Connector