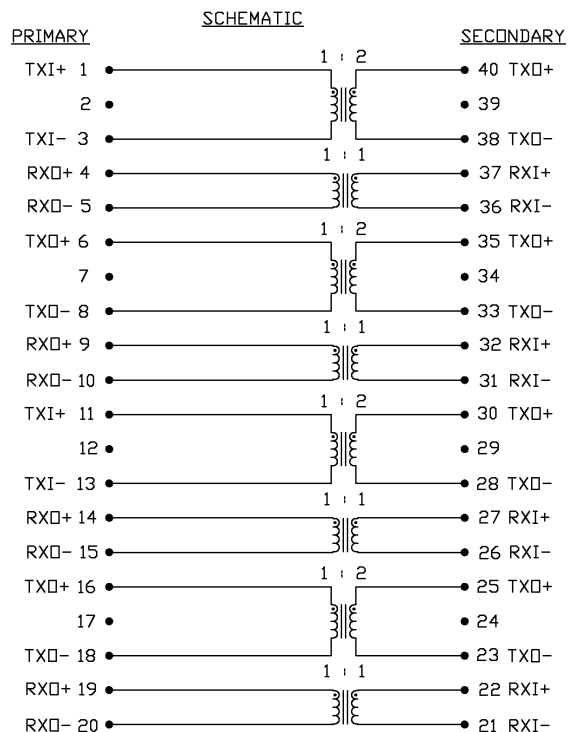


THE INFORMATION CONTAINED HEREIN IS CONSIDERED
"PROPRIETARY" TO BEL FUSE INC. AND SHALL NOT BE
COPIED, REPRODUCED OR DISCLOSED WITHOUT THE
WRITTEN APPROVAL OF BEL FUSE INC.



ELECTRICAL CHARACTERISTICS @ 25°C

TURNS RATIO

Tx PRIMARY : SECONDARY	1 : 2
Rx PRIMARY : SECONDARY	1 : 1

INDUCTANCE

Tx PRIMARY	1.5 mH MIN. @10kHz, 10mV
AT -40°C	640 μ H MIN.
Rx PRIMARY	1.8 mH MIN. @10kHz, 10mV
AT -40°C	850 μ H MIN.

LEAKAGE INDUCTANCE <Le>

Tx PRIMARY <WITH SECONDARY SIDE SHORTED>	0.30 μ H MAX. @1MHz, 20mV
Rx PRIMARY <WITH SECONDARY SIDE SHORTED>	0.50 μ H MAX. @1MHz, 20mV

INTERWINDING CAPACITANCE <Cw/W>

Tx PRIMARY - SECONDARY	35pF MAX. @1MHz, 20mV
Rx PRIMARY - SECONDARY	35pF MAX. @1MHz, 20mV

DC RESISTANCE

Tx PRIMARY	0.60 Ω MAX.
Tx SECONDARY	1.20 Ω MAX.
Rx PRIMARY & SECONDARY	0.60 Ω MAX.

HIPOT

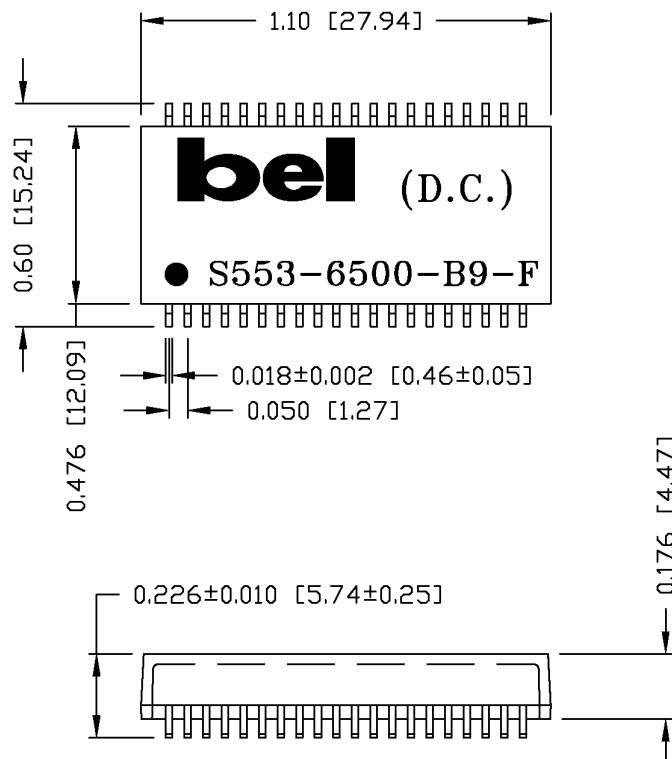
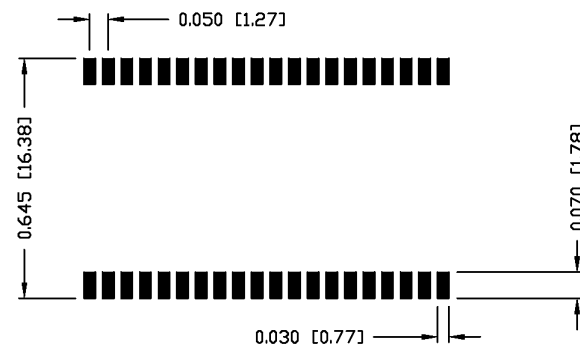
PER. HAND-WORK-03

ORIGINATED BY	DATE	TITLE ELECTRICAL SPECIFICATION S553-6500-B9-F	PART NO. / DRAWING NO.	STANDARD DIM.		[] METRIC DIM. AS REFERENCE		 COMPONENTS FOR A CONNECTED PLANET
CHAN CH	06-13-07		X5536500B9-F	TOL. IN INCH		UNIT : INCH [mm]	REV. : A	
DRAWN BY	DATE		FILE NAME	.X		SCALE : N/A	SIZE : A4	
DQ Chen	06-13-07		X5536500B9FA.DWG	.XX .XXX			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.



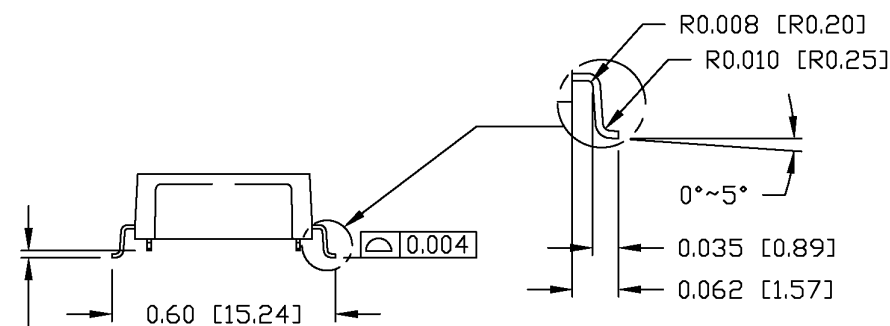
SUGGESTED PCB PAD LAYOUT



NOTES:

1. STANDARD MARKING REFER TO DOC. HAND-WORK-04.
2. PACKAGE CODE: "RRS001".

0.010[0.25]
MIN.



ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE	 COMPONENTS FOR A CONNECTED PLANET
Lawrence Tsang	06-13-07	MECHANICAL DRAWING S553-6500-B9-F	X5536500B9-F		UNIT : INCH [mm]	
DRAWN BY	DATE		FILE NAME	.X	REV. : A	
DQ Chen	06-13-07		X5536500B9FA.DWG	.XX ±0.01 .XXX ±0.005	SCALE : N/A SIZE : A4 PAGE : 3	