

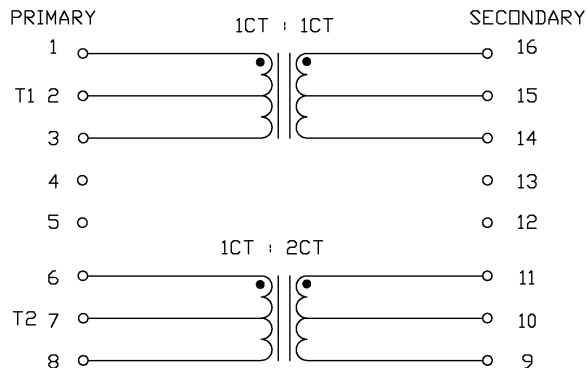
THE INFORMATION CONTAINED HEREIN IS CONSIDERED 'PROPRIETARY' TO BEL FUSE INC. AND SHALL NOT BE COPIED, REPRODUCED OR DISCLOSED WITHOUT THE WRITTEN APPROVAL OF BEL FUSE INC.

RoHS
2002/95/EC



ELECTRICAL CHARACTERISTICS @ 25°C

SCHEMATIC



URNS RATIO

T1 PRIMARY : SECONDARY
T2 PRIMARY : SECONDARY

1CT : 1CT
1CT : 2CT

POLARITY

PER DOT CONVENTION

INDUCTANCE

T1 PRIMARY
AT -40°C
T2 PRIMARY
AT -40°C

1.8 mH MIN. @10kHz, 10mV
850 μH MIN.
1.8 mH MIN. @10kHz, 10mV
750 μH MIN.

LEAKAGE INDUCTANCE (Le)

T1 PRIMARY (SECONDARY SIDE SHORTED)
T2 PRIMARY (SECONDARY SIDE SHORTED)

0.50 μH MAX. @1MHz, 20mV
0.50 μH MAX. @1MHz, 20mV

INTERWINDING CAPACITANCE (Cw/W)

T1 PRIMARY TO SECONDARY
T2 PRIMARY TO SECONDARY

35pF MAX. @1MHz, 20mV
35pF MAX. @1MHz, 20mV

DC RESISTANCE

T1 PRIMARY & SECONDARY
T2 PRIMARY
T2 SECONDARY

0.60 Ω MAX.
0.75 Ω MAX.
1.50 Ω MAX.

HIPOT

PER HAND-WORK-03.

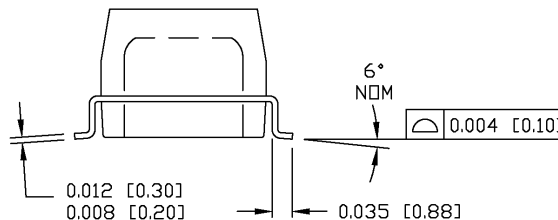
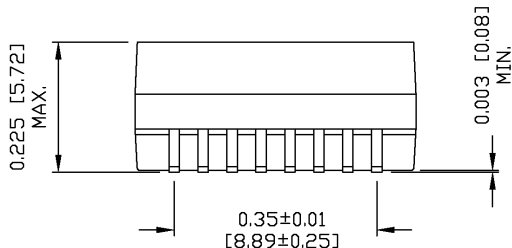
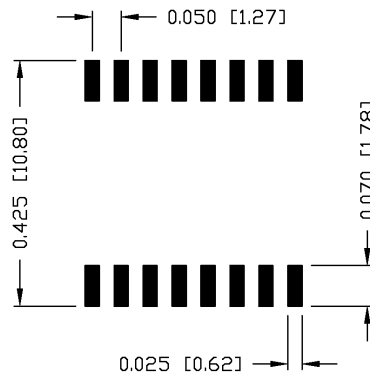
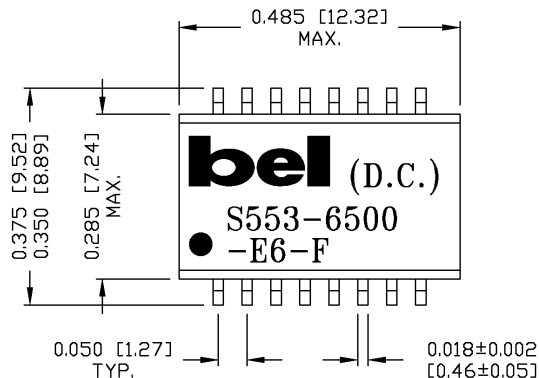
ORIGINATED BY HD	DATE 03-29-06	TITLE ELECTRICAL SPECIFICATION S553-6500-E6-F	PART NO. / DRAWING NO. X5536500E6-F	STANDARD DIM. TOL. IN INCH .X .XX .XXX	[] METRIC DIM. AS REFERENCE UNIT : INCH [mm] REV. : A SCALE : N/A SIZE : A4 PAGE : 2	 COMPONENTS FROM A CONNECTED PLANET
DRAWN BY DQ Chen	DATE 03-29-06		FILE NAME X5536500E6FA.DWG			

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



SUGGESTED PCB PAD LAYOUT



NOTES:

- STANDARD MARKING REFER TO DOC. HAND-WORK-04.
- PACKAGE CODE: "QBS001".

ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE
HO	03-29-06	MECHANICAL DRAWING S553-6500-E6-F	X5536500E6-F	.X	UNIT : INCH [mm] REV. : A
DRAWN BY	DATE		FILE NAME	.XX ±0.01	SCALE : N/A SIZE : A4
DQ Chen	03-29-06		X5536500E6FPA.DWG	.XXX ±0.005	PAGE : 3