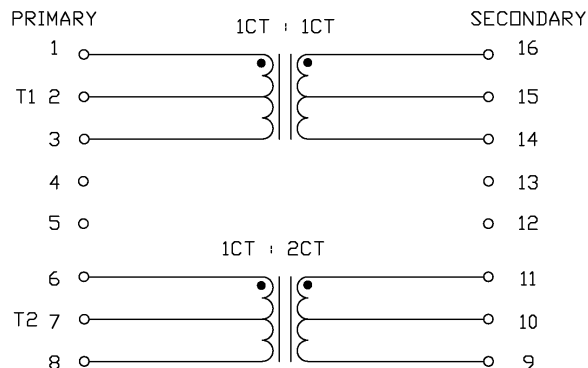


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ELECTRICAL CHARACTERISTICS @ 25°C

SCHEMATIC



URNS RATIO

T1 PRIMARY : SECONDARY

1CT : 1CT

T2 PRIMARY : SECONDARY

1CT : 2CT

POLARITY

PER DOT CONVENTION

INDUCTANCE

T1 PRIMARY

1.8 mH MIN. @10kHz, 10mV

AT -40°C

850 μH MIN.

T2 PRIMARY

1.8 mH MIN. @10kHz, 10mV

AT -40°C

750 μH MIN.

LEAKAGE INDUCTANCE (Le)

T1 PRIMARY (SECONDARY SIDE SHORTED)

0.50 μH MAX. @1MHz, 20mV

T2 PRIMARY (SECONDARY SIDE SHORTED)

0.50 μH MAX. @1MHz, 20mV

INTERWINDING CAPACITANCE (Cw/W)

T1 PRIMARY TO SECONDARY

35pF MAX. @1MHz, 20mV

T2 PRIMARY TO SECONDARY

35pF MAX. @1MHz, 20mV

DC RESISTANCE

T1 PRIMARY & SECONDARY

0.60 Ω MAX.

T2 PRIMARY

0.75 Ω MAX.

T2 SECONDARY

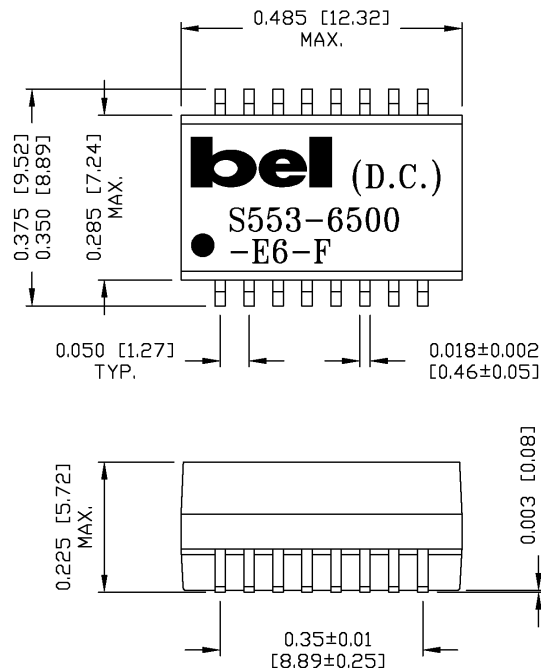
1.50 Ω MAX.

HIPOT

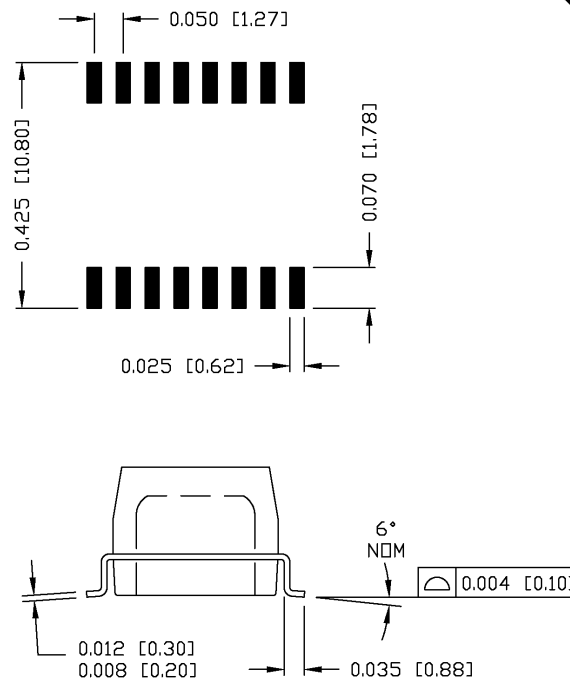
PER HAND-WORK-03.

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

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SUGGESTED PCB PAD LAYOUT



NOTES:

1. STANDARD MARKING REFER TO DOC. HAND-WORK-04.
2. 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

