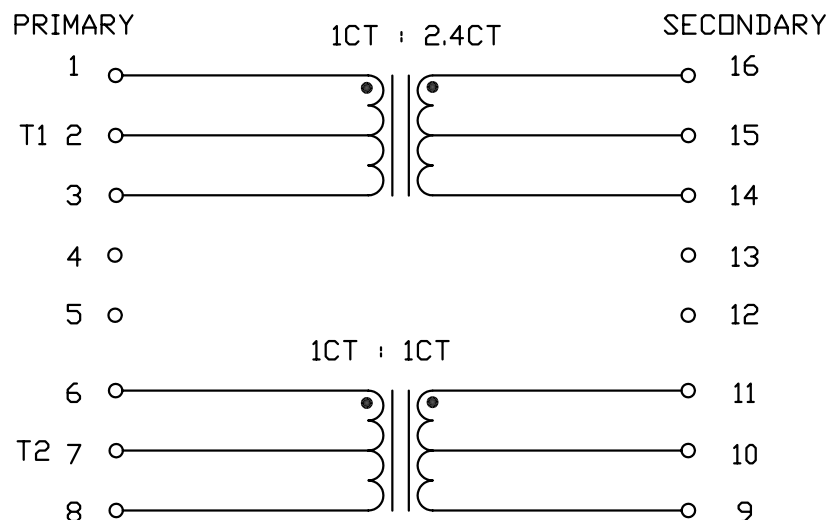




ELECTRICAL CHARACTERISTICS @25°C

SCHEMATIC



TURNS RATIO

T1 (1 - 2 - 3) : (16 - 15 - 14)

1CT : 2.4CT

T2 (6 - 7 - 8) : (11 - 10 - 9)

1CT : 1CT

POLARITY

PER DOT CONVENTION

INDUCTANCE

T1 (1 - 3)

1.0mH MIN. @10kHz, 20mV

AT -40°C

440μH MIN.

T2 (11 - 9)

1.8mH MIN. @10kHz, 20mV

AT -40°C

850μH MIN.

LEAKAGE INDUCTANCE (Le)

@1MHz, 20mV

T1 PRIMARY (SECONDARY SHORTED)

0.30μH MAX.

T2 PRIMARY (SECONDARY SHORTED)

0.50μH MAX.

INTERWINDING CAPACITANCE (Cw/w)

@1MHz, 20mV

T1 PRIMARY TO SECONDARY

35pF MAX.

T2 PRIMARY TO SECONDARY

35pF MAX.

DC RESISTANCE

T1 PRIMARY

0.60Ω MAX.

T1 SECONDARY

1.40Ω MAX.

T2 PRIMARY & SECONDARY

0.70Ω MAX.

HIPOT

PER HAND-WORK-03.

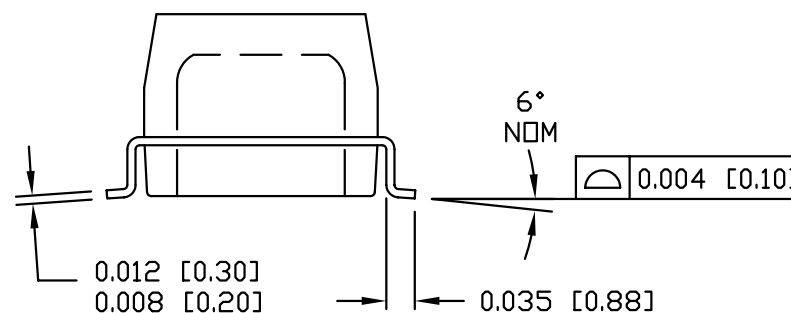
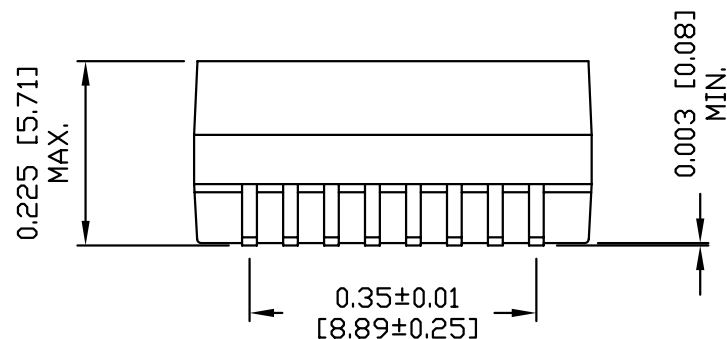
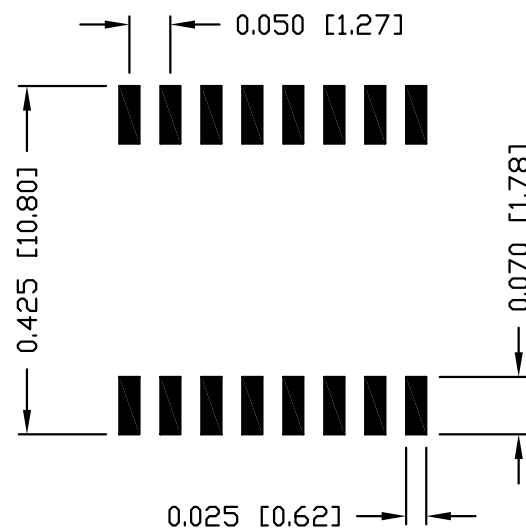
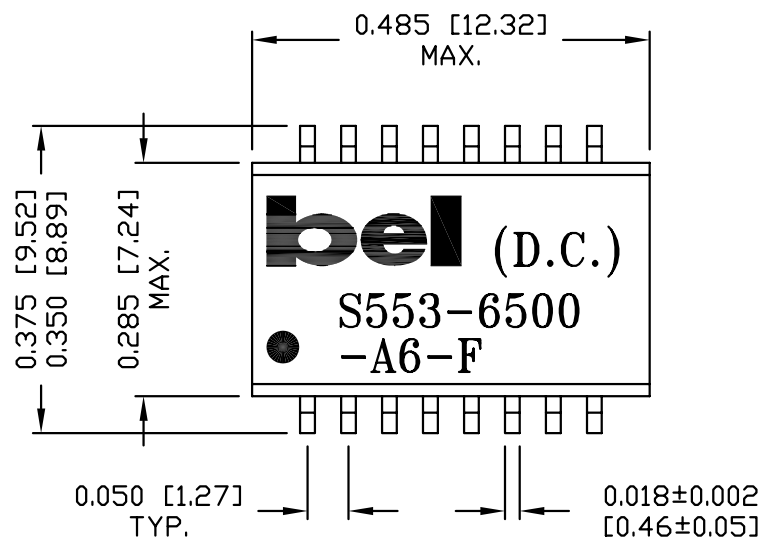
ORIGINATED BY	DATE	TITLE ELECTRICAL SPECIFICATION S553-6500-A6-F	PART NO. / DRAWING NO. X5536500A6-F	STANDARD DIM. TOL. IN INCH		[] METRIC DIM. AS REFERENCE		 bel COMPONENTS FOR A CONNECTED PLANET
CH CHAN	10-08-10		FILE NAME X5536500A6FA.DWG	.X		UNIT : INCH [mm]	REV. : A	
DRAWN BY	DATE			.XX		SCALE : N/A	SIZE : A4	
HY ZHANG	10-08-10			.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.	[] METRIC DIM. AS REFERENCE
LAWRENCE TSANG	10-08-10	MECHANICAL OUTLINE	X5536500A6-F	TOL. IN INCH	UNIT : INCH [mm]
DRAWN BY	DATE		FILE NAME	.X	REV. : A
HY ZHANG	10-08-10	S553-6500-A6-F	X5536500A6FA.DWG	.XX ±0.01	SCALE : N/A
				.XXX ±0.005	SIZE : A4
					PAGE : 3

