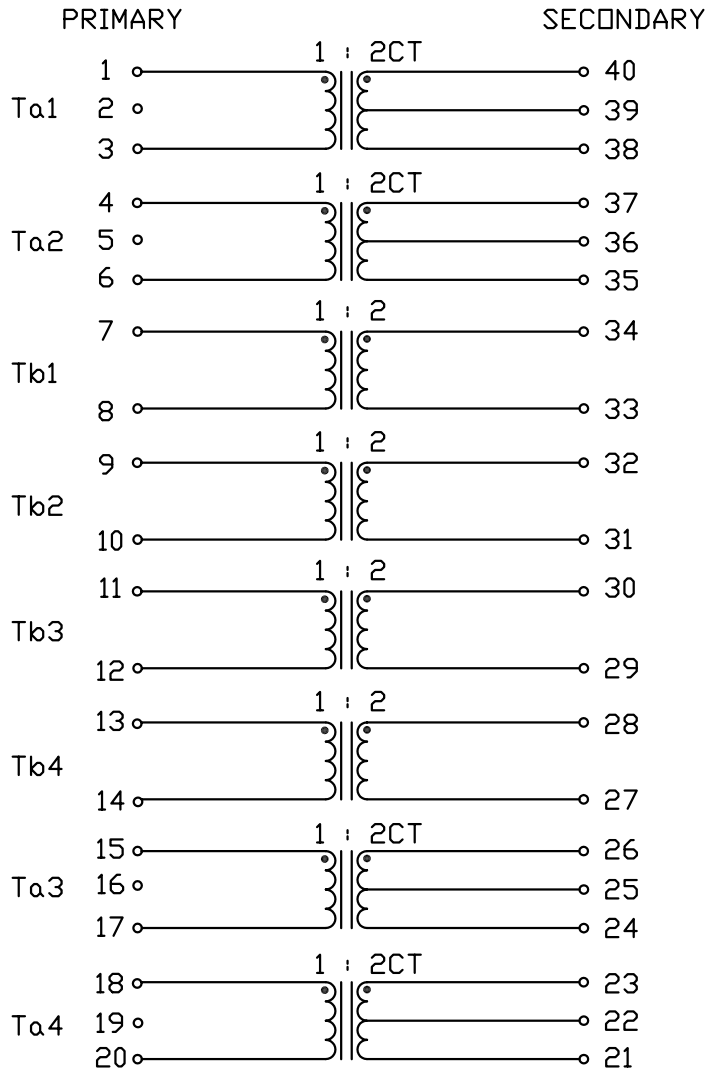


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SCHEMATIC

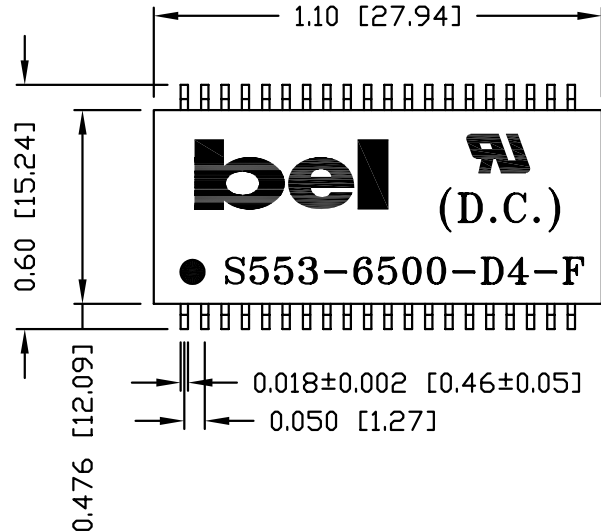
ELECTRICAL CHARACTERISTICS @ 25°C



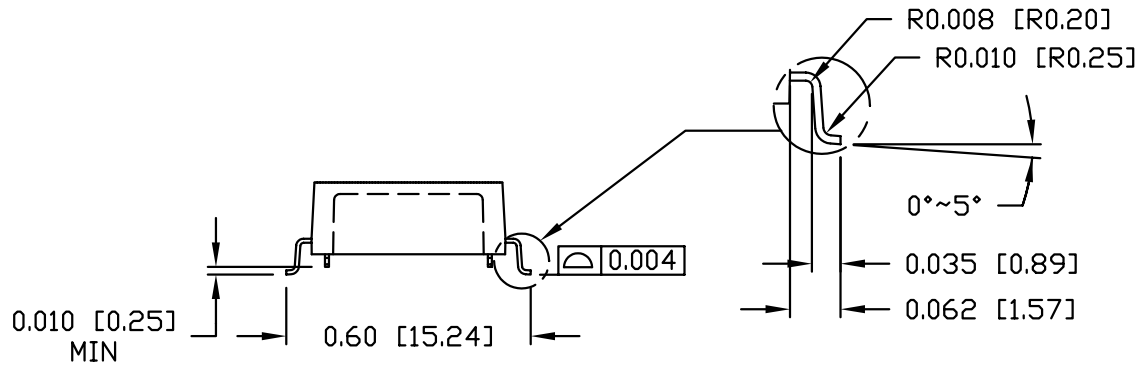
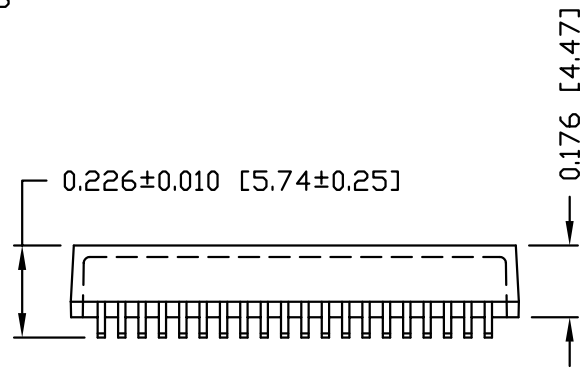
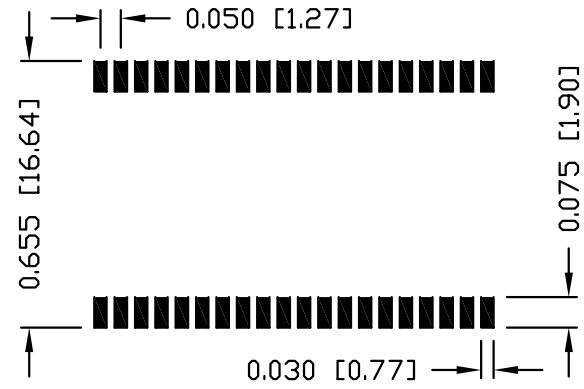
<p>TURN'S RATIO</p> <p>Ta PRIMARY : SECONDARY 1 : 2CT</p> <p>Tb PRIMARY : SECONDARY 1 : 2</p>	
<p>POLARITY</p> <p>PER DOT CONVENTION</p>	
<p>INDUCTANCE</p> <p>Ta PRIMARY 1.5mH MIN</p> <p>AT -40°C 640µH MIN</p> <p>Tb PRIMARY 1.5mH MIN</p> <p>AT -40°C 640µH MIN</p>	
<p>LEAKAGE INDUCTANCE, Le</p> <p>Ta PRIMARY (SECONDARY SHORTED) 0.3µH MAX</p> <p>Tb PRIMARY (SECONDARY SHORTED) 0.3µH MAX</p>	
<p>INTERWINDING CAPACITANCE, Cw/w</p> <p>Ta PRIMARY - SECONDARY 35pF MAX</p> <p>Tb PRIMARY - SECONDARY 35pF MAX</p>	
<p>DC RESISTANCE</p> <p>Ta &amp; Tb PRIMARY 0.6Ω MAX</p> <p>Ta &amp; Tb SECONDARY 1.2Ω MAX</p>	
<p>HIPOT</p> <p>PER HAND-WORK-03</p>	

ORIGINATED BY CH CHAN	DATE 03-04-11	TITLE ELECTRICAL SPECIFICATION	PART NO. / DRAWING NO. X5536500D4-F	STANDARD DIM.		[ ] METRIC DIM. AS REFERENCE		bel
				TOL. IN INCH		UNIT : INCH [mm]	REV. : A	
DRAWN BY HY ZHANG	DATE 03-04-11	S553-6500-D4-F	FILE NAME X5536500D4FA.DWG	.X	±0.01	SCALE : N/A	SIZE : A4	COMPONENTS FOR A CONNECTED PLANET
				.XX		±0.005		

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SUGGESTED PCB PAD LAYOUT



NOTES:

- STANDARD MARKING REFER TO DOC. HAND-WORK-04.
- PACKAGE CODE: "RRS001A".

ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM. TOL. IN INCH	[ ] METRIC DIM. AS REFERENCE	 COMPONENTS FOR A CONNECTED PLANET	
LAWRENCE TSANG	03-04-11	MECHANICAL OUTLINE	X5536500D4-F	.X	UNIT : INCH [mm]		REV. : A
DRAWN BY	DATE	S553-6500-D4-F	FILE NAME	.XX ±0.01	SCALE : N/A		SIZE : A4
HY ZHANG	03-04-11		X5536500D4FA.DWG	.XXX ±0.005			PAGE : 3