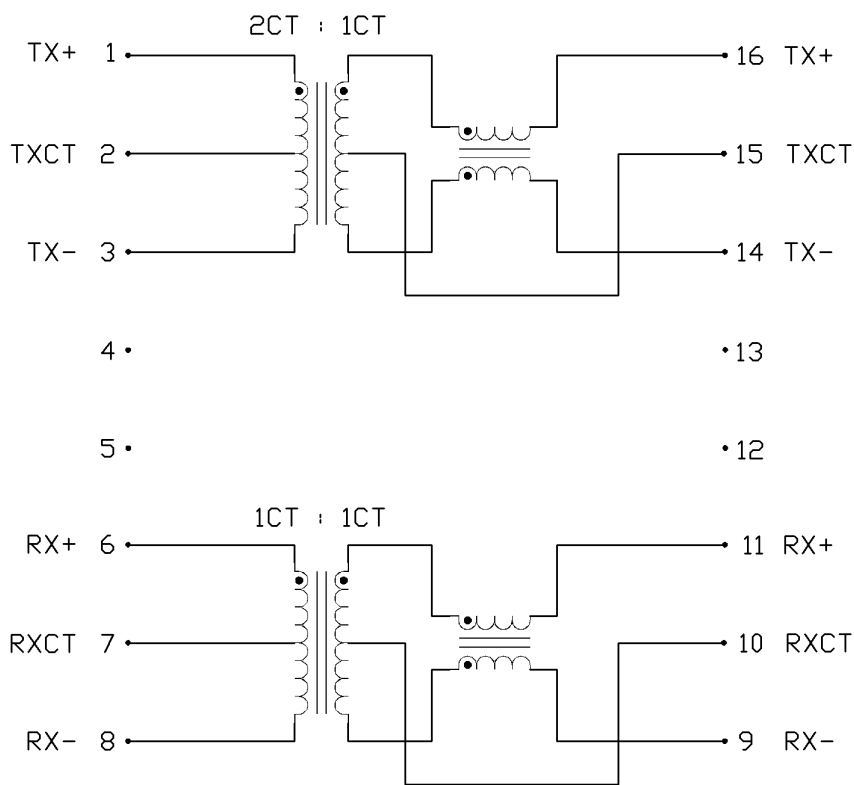


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ELECTRICAL SPECIFICATIONS @25°C

SCHEMATIC



<p>URNS RATIO Tx 1-2-3 : 16-15-14 Rx 6-7-8 : 11-10-9</p>	<p>2CT : 1CT 1CT : 1CT</p>
<p>POLARITY</p>	<p>PER DOT CONVENTION</p>
<p>DCL (16-14) : (11-9)</p>	<p>350µH MIN. @100kHz, 100mVrms WITH 8mA DC BIAS</p>
<p>LEAKAGE INDUCTANCE, Le (16-14) short (1-3) (11-9) short (6-8)</p>	<p>300nH MAX. @1MHz, 20mVrms</p>
<p>INTERWINDING CAPACITANCE, C_{ww} (1-3) TO (16-14) (6-8) TO (11-9)</p>	<p>25pF MAX. @1MHz, 20mVrms</p>
<p>INSERTION LOSS 300kHz-100MHz</p>	<p>1.2dB MAX</p>
<p>RETURN LOSS 300kHz-30MHz 30MHz-60MHz 60MHz-80MHz</p>	<p>16dB MIN 16-20 LOG(f/30MHz) dB MIN 10dB MIN</p>
<p>CROSSTALK 300kHz-100MHz</p>	<p>35dB MIN</p>
<p>CM TO CM REJ. 300kHz-100MHz</p>	<p>30dB MIN</p>
<p>CM TO DM REJ. 300kHz-100MHz</p>	<p>40dB MIN</p>
<p>HIPOT</p>	<p>PER HAND-WORK-03</p>

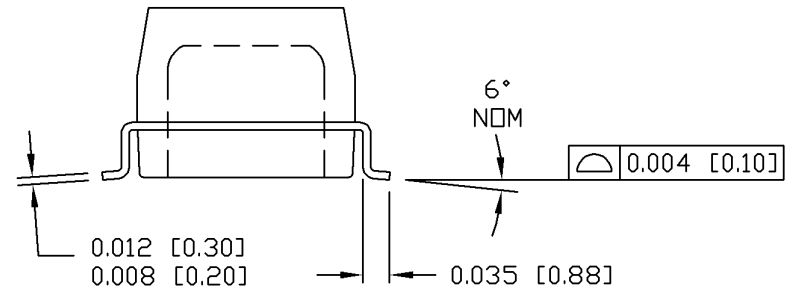
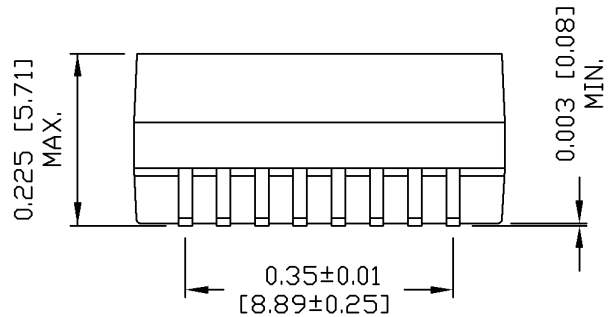
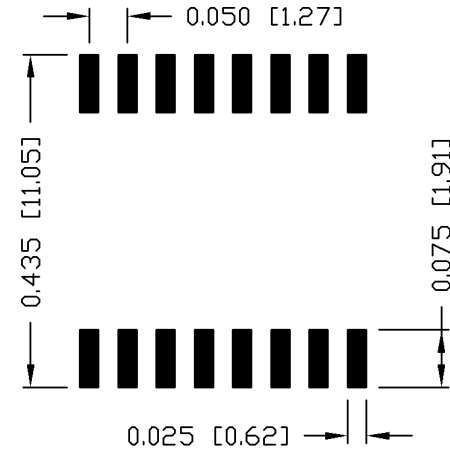
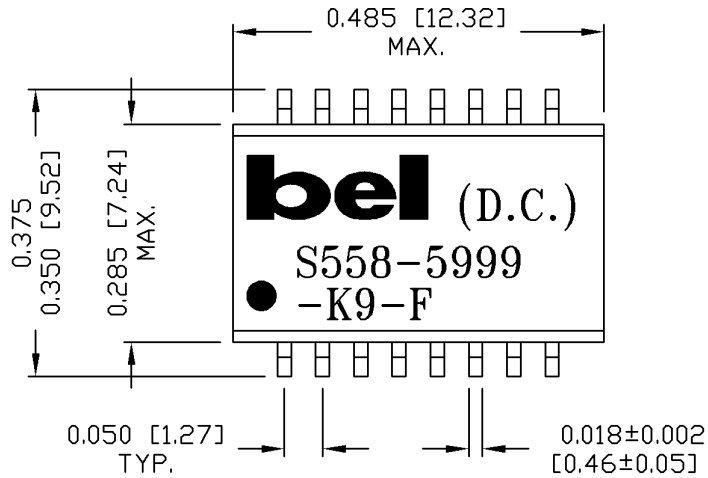
ORIGINATED BY	DATE	TITLE ELECTRICAL SPECIFICATION S558-5999-K9-F	PART NO. / DRAWING NO.	STANDARD DIM.		[] METRIC DIM. AS REFERENCE	
CHAN CH	06-20-08		X5585999K9-F	TOL. IN INCH		UNIT : INCH [mm]	REV. : A
DRAWN BY	DATE		FILE NAME	.X	/	SCALE : N/A	SIZE : A4
YH Lai	06-20-08	X5585999K9FA.DWG	.XX			PAGE : 2	
			.XXX				



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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
CHAN CH	06-20-08	MECHANICAL OUTLINE	X5585999K9-F	.X	UNIT : INCH [mm] REV. : A
DRAWN BY	DATE	S558-5999-K9-F	FILE NAME	.XX ±0.01	SCALE : N/A SIZE : A4
YH Lai	06-20-08		X5585999K9FA.DWG	.XXX ±0.005	PAGE : 3

