

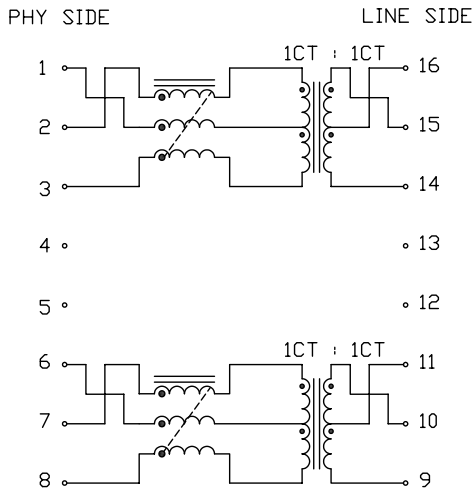
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PRELIMINARY



ELECTRICAL CHARACTERISTICS @25°C

SCHEMATIC



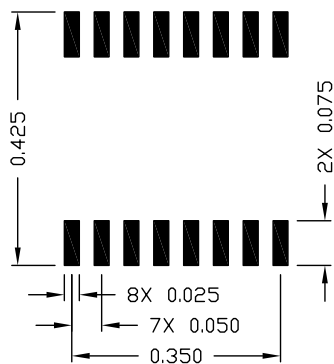
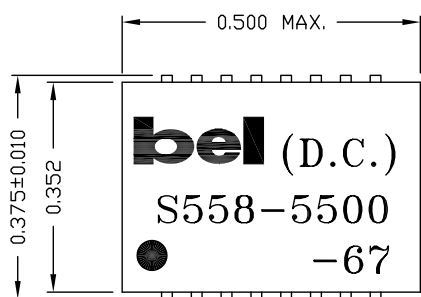
<p> <b>URNS RATIO</b>                  (2-1-3) : (15-16-14)                  (7-6-8) : (10-11-9)             </p> <p> <b>QCL</b>                  -40°C TO +85°C                  -40°C TO +85°C             </p> <p> <b>INTERWINDING CAPACITANCE, Cw/w</b> </p> <p> <b>INSERTION LOSS</b>                  0.3MHz - 1MHz                  1MHz - 65MHz                  65MHz - 100MHz                  100MHz - 125MHz             </p> <p> <b>RETURN LOSS @100OHM</b>                  0.5MHz - 40MHz                  40MHz - 100MHz             </p> <p> <b>CROSS TALK</b>                  0.3MHz - 100MHz             </p> <p> <b>CM TO CM REJ</b>                  0.3MHz - 100MHz             </p> <p> <b>CM TO DM REJ</b>                  0.3MHz - 100MHz             </p> <p> <b>BALANCED DC LINE CURRENT</b> </p> <p> <b>HIPOT</b> </p>	<p>                 1CT : 1CT ±2%                  1CT : 1CT ±2%             </p> <p>                 @100kHz, 100mV                  350uH MIN WITH 11mA DC BIAS                  120uH MIN WITH 19mA DC BIAS             </p> <p>                 @1MHz, 20mV                  30pF MAX             </p> <p>                 1.1dB MAX                  0.8dB MAX                  1.0dB MAX                  1.2dB MAX             </p> <p>                 18dB MIN                  12-20LOG(f/80MHz)dB MIN             </p> <p>                 33-20LOG(f/100MHz)dB MIN             </p> <p>                 30dB MIN             </p> <p>                 35dB MIN             </p> <p>                 720mA MAX @57VDC CONTINUOUS                  1.2A MAX @57VDC FOR 200mS             </p> <p>                 1500 Vrms             </p>
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<table border="0"> <tr> <td><b>ORIGINATED BY</b></td> <td><b>DATE</b></td> <td rowspan="2"><b>TITLE</b></td> <td rowspan="2"><b>PART NO. / DRAWING NO.</b></td> <td colspan="2"><b>STANDARD DIM.</b></td> <td colspan="2"><b>[ ] METRIC DIM. AS REFERENCE</b></td> <td rowspan="4"> </td> </tr> <tr> <td>CHAN CH</td> <td>03-06-09</td> <td colspan="2">S558-5500-67</td> <td colspan="2">TOL. IN INCH</td> <td>UNIT : INCH [mm]</td> <td>REV. : PB</td> </tr> <tr> <td><b>DRAWN BY</b></td> <td><b>DATE</b></td> <td rowspan="2">ELECTRICAL SPECIFICATION</td> <td rowspan="2">FILE NAME</td> <td colspan="2">.X</td> <td rowspan="2">SCALE : N/A</td> <td rowspan="2">SIZE : A4</td> </tr> <tr> <td>YH Lai</td> <td>03-06-09</td> <td colspan="2">S558550067PB.DWG</td> <td colspan="2">.XX</td> <td>PAGE : 2</td> </tr> <tr> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2">.XXX</td> <td colspan="2"></td> <td></td> </tr> </table>	<b>ORIGINATED BY</b>	<b>DATE</b>	<b>TITLE</b>	<b>PART NO. / DRAWING NO.</b>	<b>STANDARD DIM.</b>		<b>[ ] METRIC DIM. AS REFERENCE</b>			CHAN CH	03-06-09	S558-5500-67		TOL. IN INCH		UNIT : INCH [mm]	REV. : PB	<b>DRAWN BY</b>	<b>DATE</b>	ELECTRICAL SPECIFICATION	FILE NAME	.X		SCALE : N/A	SIZE : A4	YH Lai	03-06-09	S558550067PB.DWG		.XX		PAGE : 2					.XXX				
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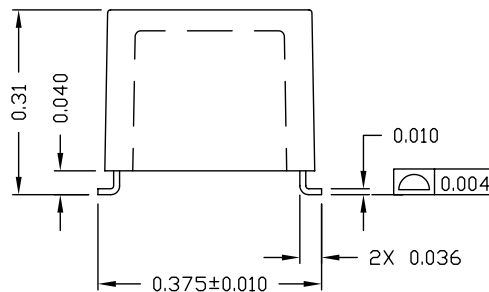
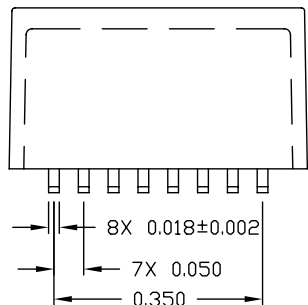
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PRELIMINARY



SUGGESTED PCB PAD LAYOUT



NOTES:

1. STANDARD MARKING REFER TO DOC. HAND-WORK-04.
2. PACKAGE CODE: "RPS001".

ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM. TOL. IN INCH	[ ] METRIC DIM. AS REFERENCE
LAWRENCE TSANG	03-06-09	MECHANICAL OUTLINE	S558-5500-67	.X	UNIT : INCH [mm]
DRAWN BY	DATE		FILE NAME	.XX	SCALE : N/A
YH Lai	03-06-09		S558550067PB.DWG	.XXX	SIZE : A4
					PAGE : 3



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