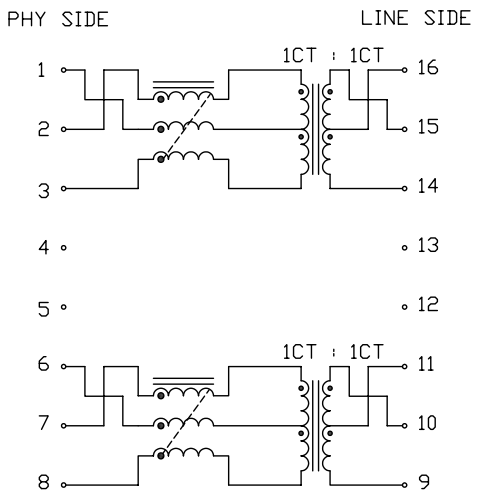
PRELIMINARY

RoHS 2002/95/EC

SCHEMATIC



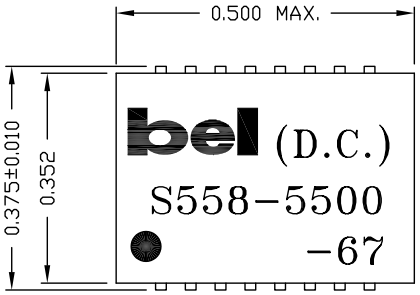
ELECTRICAL CHARACTERISTICS @25°C

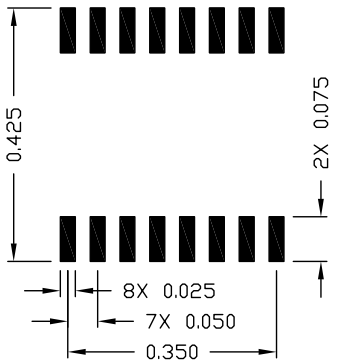
TURNS RATIO	
(2-1-3) : (15-16-14)	1CT : 1CT ±2%
(7-6-8) : (10-11-9)	1CT : 1CT ±2%
OCL	@100kHz, 100mV
-40°C TO +85°C	350uH MIN WITH 11mA DC BIAS
-40°C TO +85°C	120uH MIN WITH 19mA DC BIAS
INTERWINDING CAPACITANCE, Cw/w	@1MHz, 20mV 30pF MAX
INSERTION LOSS	
0.3MHz - 1MHz	1.1dB MAX
1MHz - 65MHz	0.8dB MAX
65MHz - 100MHz	1.0dB MAX
100MHz - 125MHz	1.2dB MAX
RETURN LOSS @100OHM	
0.5MHz - 40MHz	18dB MIN
40MHz - 100MHz	12-20LOG(f/80MHz)dB MIN
CROSSTALK	
0.3MHz - 100MHz	33-20LOG(f/100MHz)dB MIN
CM TO CM REJ	
0.3MHz - 100MHz	30dB MIN
CM TO DM REJ	
0.3MHz - 100MHz	35dB MIN
BALANCED DC LINE CURRENT	720mA MAX @57VDC CONTINUOUS 1.2A MAX @57VDC FOR 200mS
HIPOT	1500 Vrms

ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM. TOL. IN INCH	[ ] METRIC DIM. AS REFERENCE	
CHAN CH	03-06-09	ELECTRICAL SPECIFICATION	S558-5500-67	.X	UNIT : INCH [mm]	REV. : PB
DRAWN BY	DATE		FILE NAME	.XX	SCALE : N/A	SIZE : A4
YH Lai	03-06-09		S558550067PB.DWG	.XXX		PAGE : 2

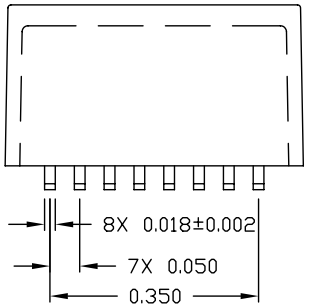
PRELIMINARY

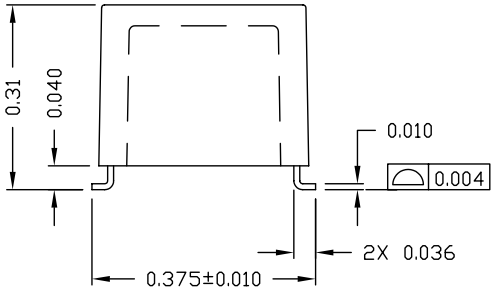
RoHS 2002/95/EC





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] / REV. : PB
DRAWN BY	DATE		FILE NAME	.XX ±0.01	SCALE : N/A / SIZE : A4
YH Lai	03-06-09		S558550067PB.DWG	.XXX ±0.005	PAGE : 3