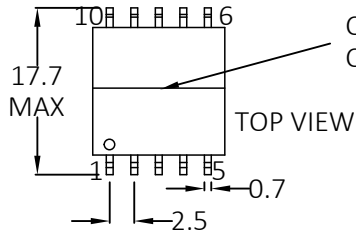


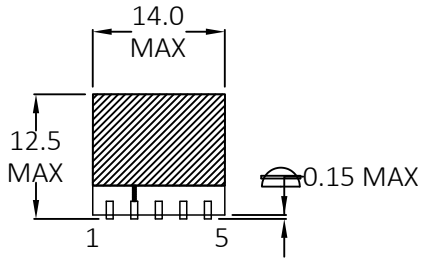
REVISION			
REV	DESCRIPTION	DATE	APPD
0	INITIAL RELEASE	1/11/2019	CL
1	COMPLETE CHANGE, NEW PART	02/11/2019	CL
2	CHANGED PINOUT	03/12/2019	CL

MARKINGS:

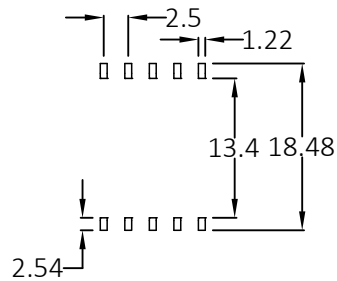


CT-8550
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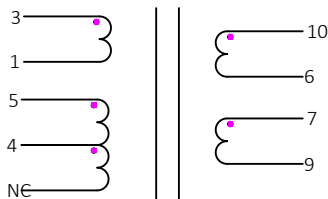
*COPPER FOIL WRAPPED AROUND THE PERIMETER, ATTACHED ELECTRICALLY TO PIN 4



SUGGESTED PAD LAY OUT



SCHEMATIC:



ELECTRICAL REQUIREMENTS:

INDUCTANCE AT 60kHz, 0.1V

L(3-1): 4.31mH ± 10%

LL(3-1): TBD MAX

DCR(3-1): 3.5Ω MAX

DCR(10-6): 12mΩ MAX

DCR(7-9): 12mΩ MAX

DCR(5-4): 2Ω MAX

TURNS RATIO AT 15KHz, 1.0V

T/R(3-1):(10-6):(7-9) = 28:1:1 ± 5%

T/R(3-1):(5-4) = 4.67:1 ± 5%

HIPOT: 2500VAC, 3 SEC., 5.0mA MAX, PRI TO SEC's

*CHECK POLARITY ON ALL WINDINGS PER SCHEMATIC

UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN mm

TOLERANCES:
.XX = +/- .2
.X = +/- .5



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DRAWN BY/DATE CL 02/11/2019	TITLE EP13, 60kHz SWITCHING TRANSFORMER
CHECKED BY/DATE CL 02/11/2019	PART NUMBER CT-8550
	REV 2
	SHEET 1 OF 1