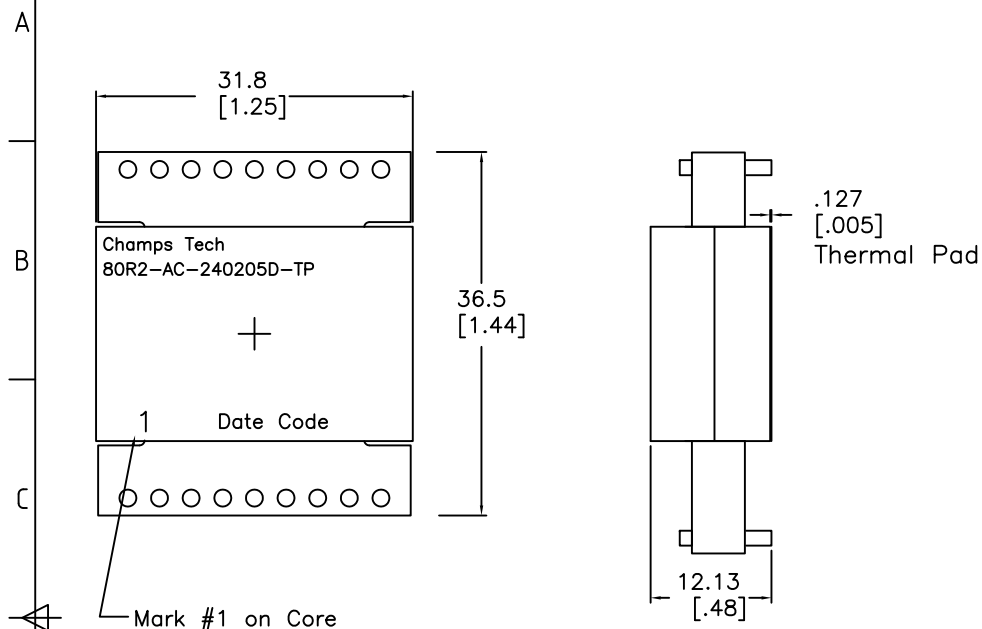
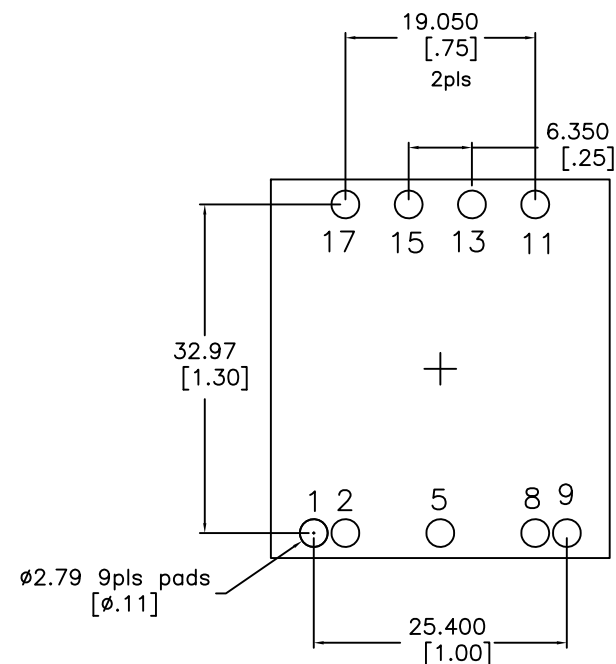


Mechanical Dimensions [Top View]

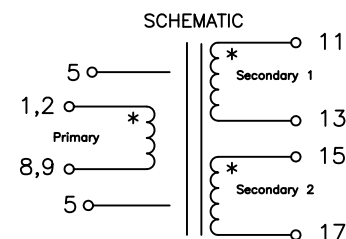


Suggested SM Layout [PCB Top View]

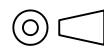


ELECTRICAL INFORMATION:

1. TURNS RATIO [11-13] : [1,2-8,9] = 0.083 $\pm$ 2%, [15-17] : [1,2-8,9] = 0.208 $\pm$ 2%
2. DCR [1,2-8,9] = 92 mohm Nom, 108 Max
DCR [11-13] = 1.4 Mohms Nom, 1.7 Max, || [15-17] = 7.5 mohms Nom, 9.0 Max
3. Inductance [1,2-8,9] = 3.1 mH Nom, $\pm$ 25% at 100KHz, 1.0 VRMS @ 25C
4. Leakage Inductance [1,2-8,9] = Short 11 to 17 = 3.3 uH Nom, 4.5 Max @100 KHz
5. Capacitance [1,2,8,9] : [5] = 280pF Nom, 365 Max || [11,15] : [5] = 170pF Nom, 225 Max || [1,2,8,9] : [11,15] = 105pF Nom, 135 Max
6. Dielectric Strength 3 Sec Min 1,2-8,9 : 5 : Core > 1000 VDC || 5 : Core > 1000 Vdc
Dielectric Strength 1,2,8,9,5: 11,13,15,17 > 1500 VAC || 11,13 : 15,17 > 500 Vdc
7. RoHS & REACH Compliant I Pin Composition 96/4 Tin/Silver Plating
8. Temperature Rating: -55C to +130C [Inclusive of Temp Rise]

CHAMPS
TECHNOLOGIES

THIRD ANGLE PROJECTION



TOLERANCES UNLESS
OTHERWISE INDICATED

.XXX	$\pm$.25
.XX	$\pm$ 0.38
.X	$\pm$ 0.78

DRAWN	HE	02.15.17	PN:	80R2-AC-240205D-TP	ISSUE	REV
CHKD					A	00
APPR			SIZE	SCALE 150%		