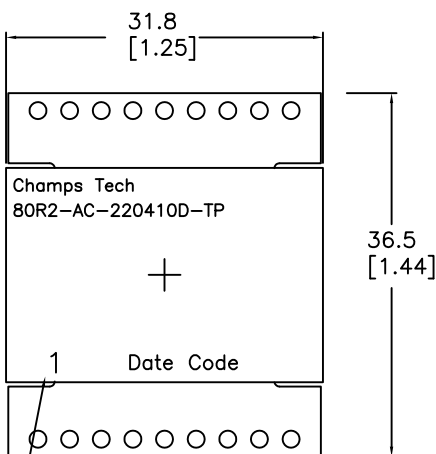
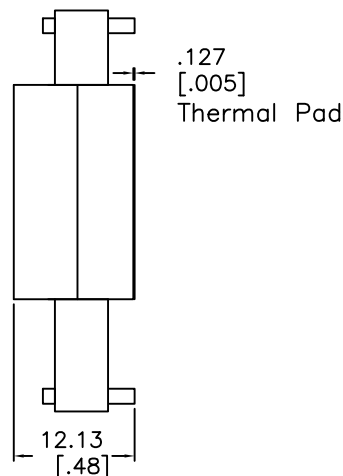


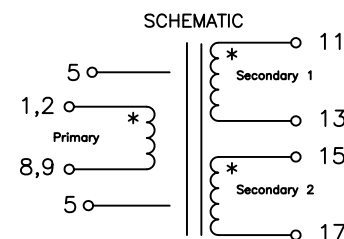
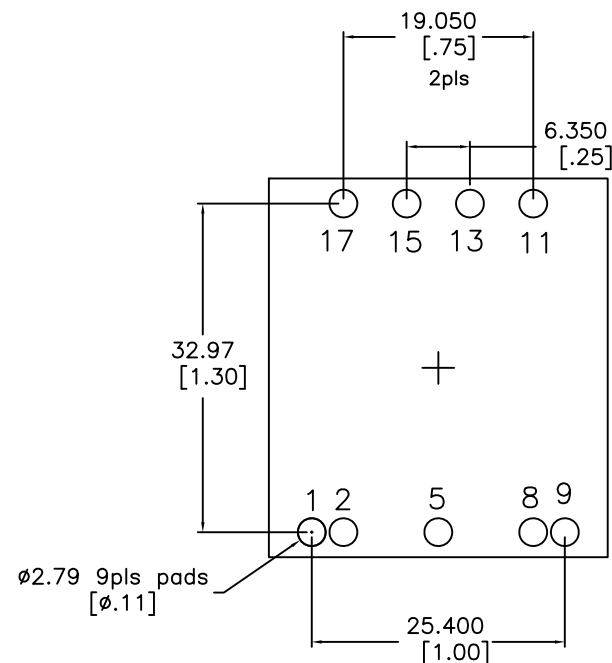
Mechanical Dimensions [Top View]



Mark #1 on Core



Suggested SM Layout [PCB Top View]

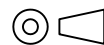


ELECTRICAL INFORMATION:

1. TURNS RATIO [11-13] : [1,2-8,9] = 0.182 ±2%, [15-17] : [1,2-8,9] = 0.455 ±2%
2. DCR [1,2-8,9]= 74 mohm Nom, 88 Max 60 Min
DCR [11-13] = 5.2 Mohms Nom, 6.2 Max, 4.5 Min || [15-17] = 30.5 mohms Nom, 36 Max, 25 Min
3. Inductance [1,2-8,9] = 2.6 mH Nom, ±25% at 100KHz, 1.0 VRMS @ 25C
4. Leakage Inductance [1,2-8,9]= Short 11 to 17 = 2.5 uH Nom, 3.5 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 ± .25
.XX ± 0.38
.X ± 0.78

DRAWN
HE
02.15.17
CHKD
APPR

PN:
80R2-AC-220410D-TP
SIZE
SCALE 150%

ISSUE
A
REV
00