

1 2 3 4 5 6 7 8

A

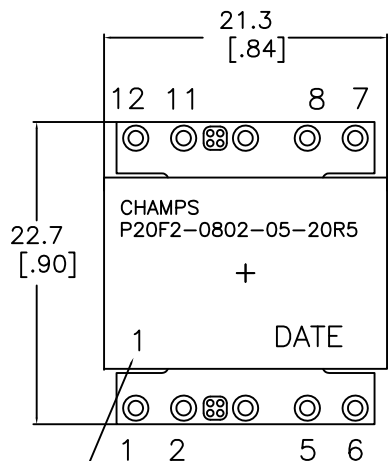
B

C

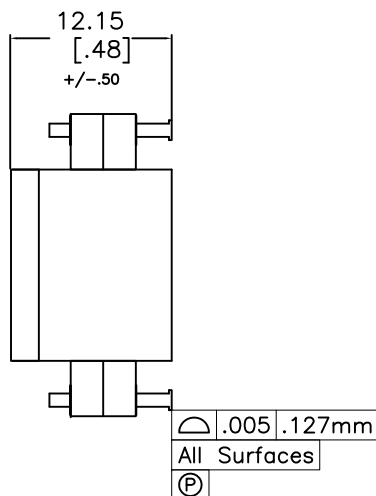
D

E

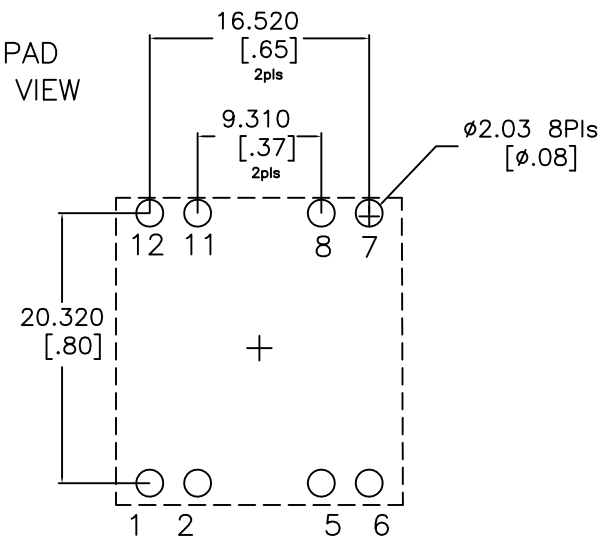
F



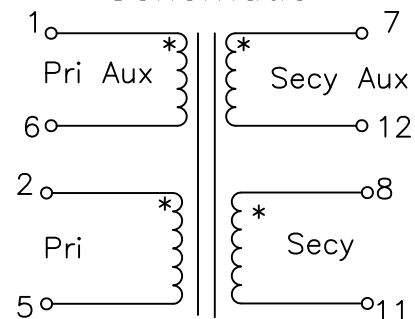
Mark #1 Pin Position on Core



SUGGESTED PAD LAYOUT/TOP VIEW



Schematic



NOTES:

1. DCR [2-5] = 19.5 mohm Nom. [8-11] = 1.6 mohm Nom., [1-6] = 300 mohm Max
2. Inductance [2-5] = 20.5 uH Nom, ±10% 100KHz, 1.0 VRMS @ 25C
3. Leakage Inductance [2-5] Short [8-11] = 60 nH Nom, @100 KHz
4. Dielectric Strength [2-5] [1-6] to [8-11] > 1500 VDC
[2-5] [1-6] to CORE > 1500 VDC, [8-11] to CORE > 500 VDC
5. Ipk rating [2-5] = 7.0 A Nom, 9.0 A Max
6. Irms Rating [2-5] = 7 Arms Max || [8-11] = 22 Arms Max
7. RoHS Compliant | Pin Composition Sn/Ag 96/4
8. Operating Temp Range: -55C to +130C [Inclusive of Temp Rise]

No.	DESCRIPTION	REVISIONS	DATE	APPR
THIRD ANGLE PROJECTION				
CHAMPS TECHNOLOGIES				
TOLERANCES/UNITS in MM UNLESS OTHERWISE INDICATED		SIGN	DATE	Champs-Tech PN P20F2-0802-05-20R5
.XXX ± 0.254	DRAWN		10.16.17	Customer
.XX ± 0.38	CHKD			Part #:
.X ± 0.78	APPR			ISSUE A
ANGLE ±				REV 00
SIZE		SCALE 2:1		