

1 2 3 4 5 6 7 8

A

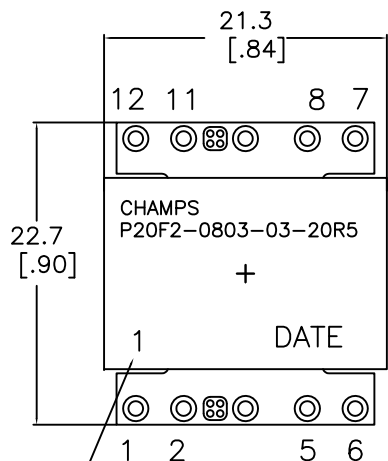
B

C

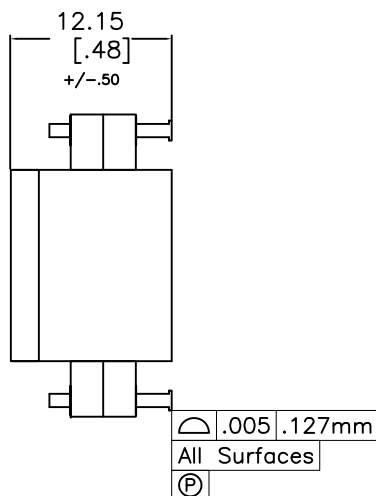
D

E

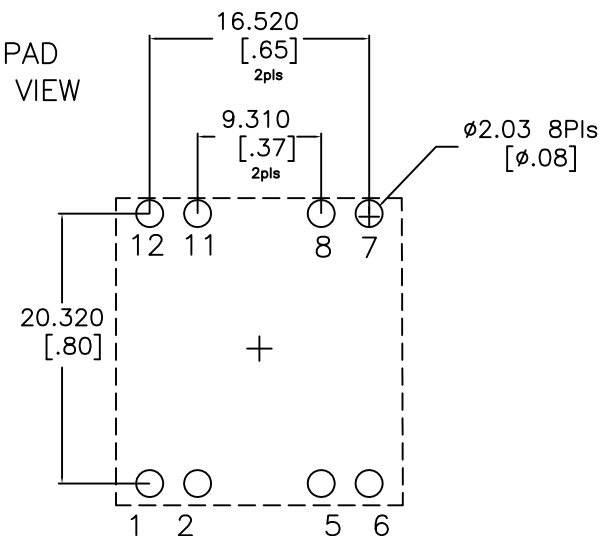
F



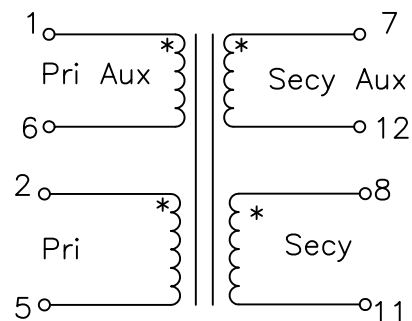
Mark #1 Pin Position on Core



SUGGESTED PAD LAYOUT/TOP VIEW



Schematic



NOTES:

1. DCR [2-5] = 19.5 mohm Nom. [8-11] = 3.8 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] = 7Arms Max || [8-11] = 16Arms 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 P20F2-0803-03-20R5
.XXX ± 0.254	DRAWN		10.16.17	Customer
.XX ± 0.38	CHKD			Part #:
.X ± 0.78	APPR			SCALE 2:1
ANGLE ±				ISSUE A
				REV 00