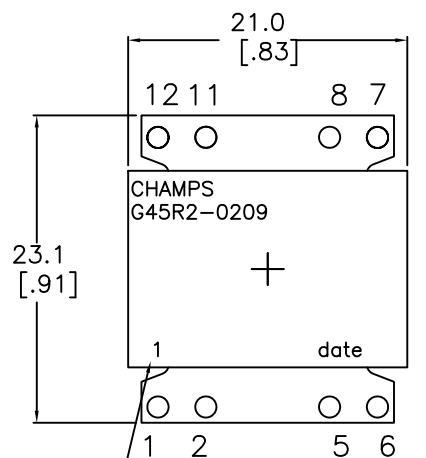
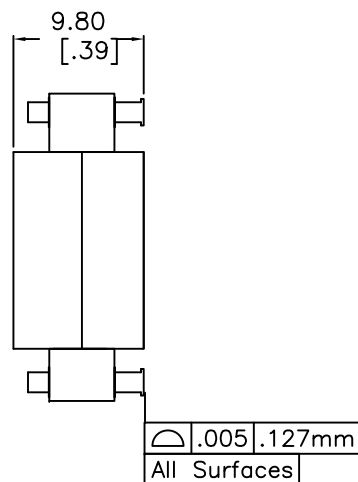
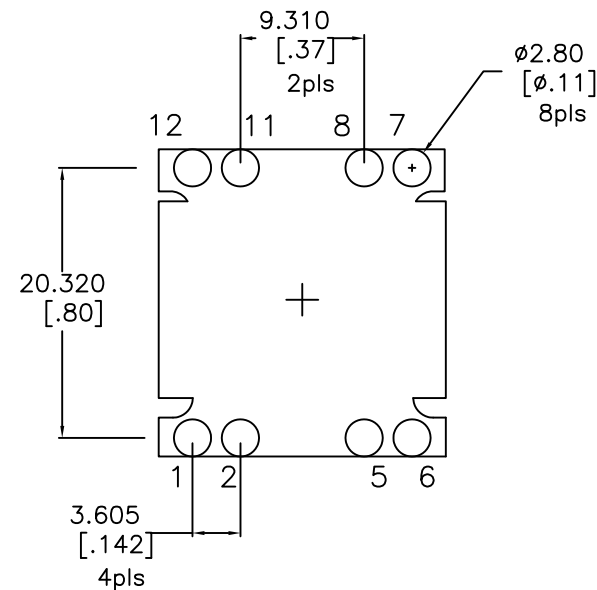




Pin#1 Mark on Ferrite Core
in Position as Shown



SUGGESTED PAD LAYOUT [PCB TOP VIEW]



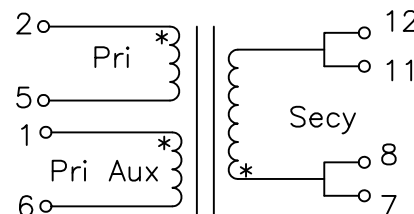
NOTES:

1. TURNS RATIO [2-5] : [7,8-11,12] = 0.222 $\pm$ 2%
2. DCR [2-5]= 1.3 mohm Nom, [7,8 - 11,12]= 16.0 mohm Nom
3. Inductance [2-5]= 10 uH Min 100KHz, 1.0 VRMS @ 25C
4. Leakage Inductance [2-5] Short [7,8-11,12] = 40nH Nom, 65 Max Max @100 KHz
5. Capacitance [2:7] = 225 pF Nom, 350 Max
6. Dielectric Strength [2,5] to [7,12] 1750 VDC,
[2,5] to CORE 1750 VDC, [7,12] to CORE 500 VDC
7. RoHS Compliant | REACH & CMDS Compliant
8. Temp Rating -55C to +130C [Inclusive of Temp Rise]

ORDERING INFORMATION:

1. Order Per Part # G45R2-0209. Parts ship in trays unless otherwise specified.
2. For Tape & Reel packaging append "R" to PN, e.g. G45R2-0209-R.
Tape & Reel packaging is in accordance with Champs Dwg T40-4600014.
3. Std 160 parts per reel | 25 parts per tray.

Schematic



No.	DESCRIPTION	REVISIONS	DATE	APPR
THIRD ANGLE PROJECTION				
CHAMPS TECHNOLOGIES				
TOLERANCES/UNITS in MM UNLESS OTHERWISE INDICATED		SIGN	DATE	Champs-Tech PN G45R2-0209
.XXX $\pm$ 0.254	DRAWN	E.L.	10.26.17	Customer
.XX $\pm$ 0.38	CHKD	J.L.		Part #:
.X $\pm$ 0.58	APPR	HE		SIZE A4 SCALE 2:1
ANGLE $\pm$				ISSUE A REV 00