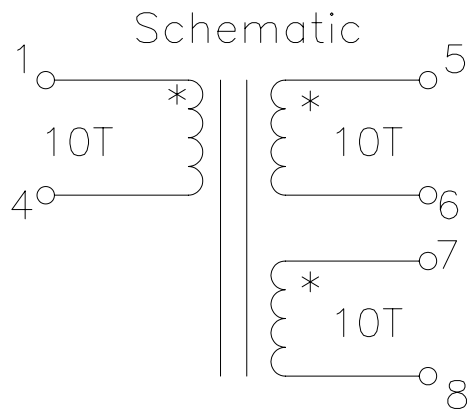
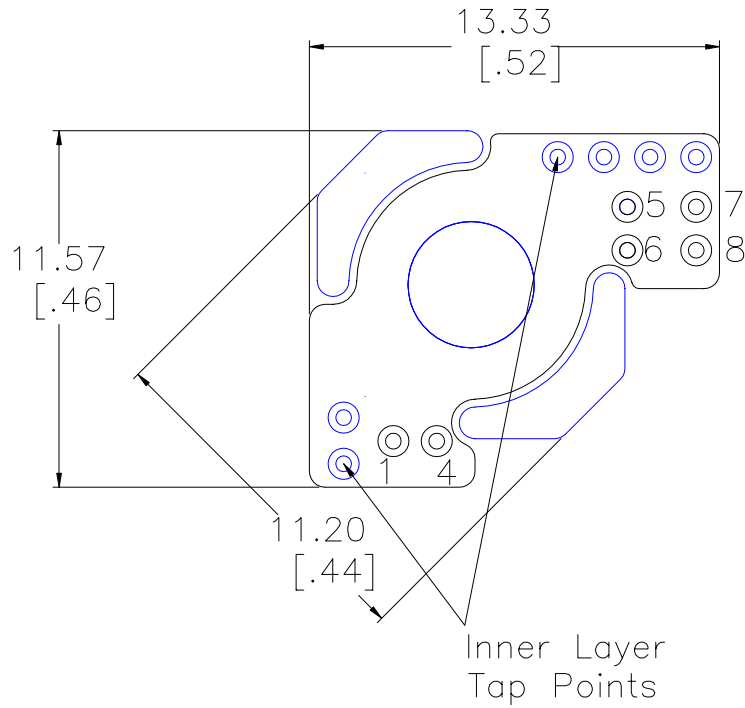
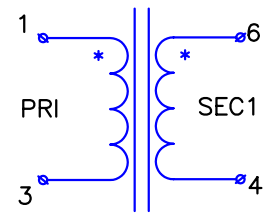
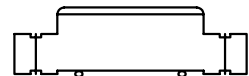
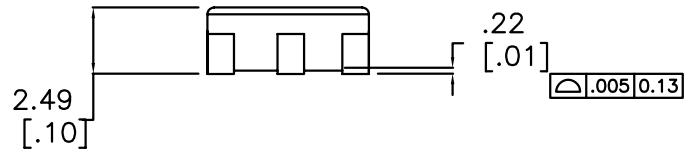
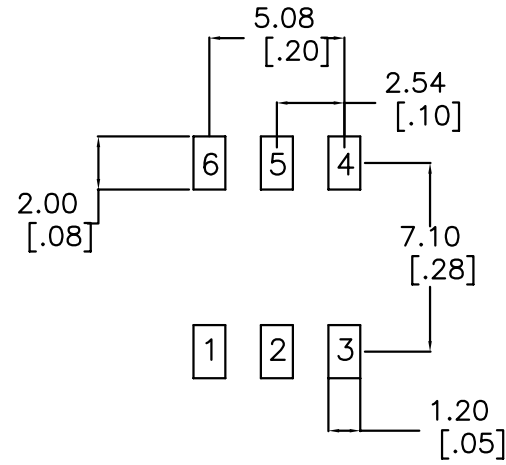
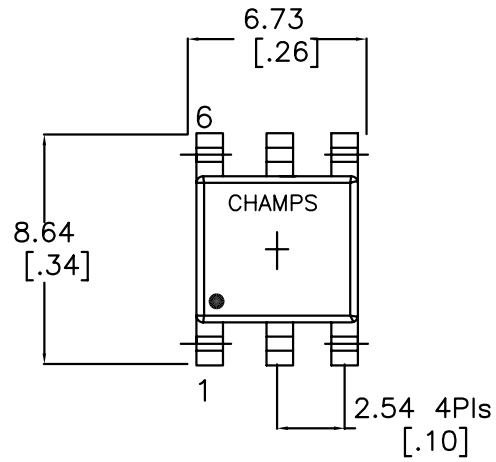




### DT1 Gate Drive Transformer



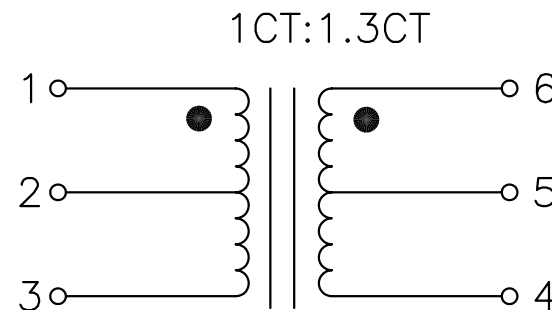
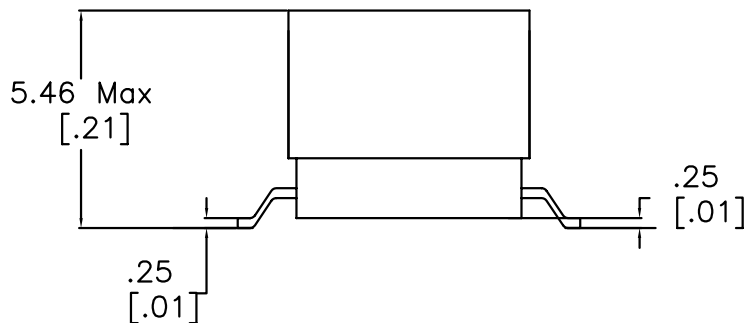
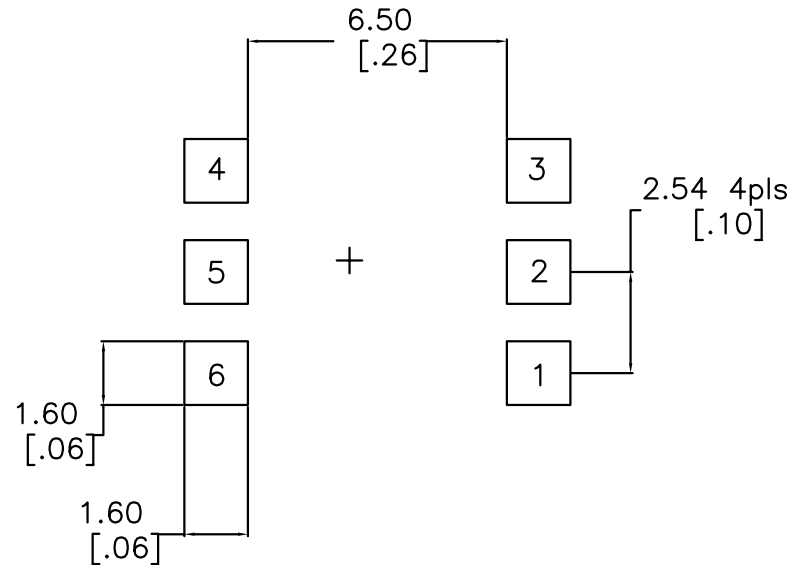
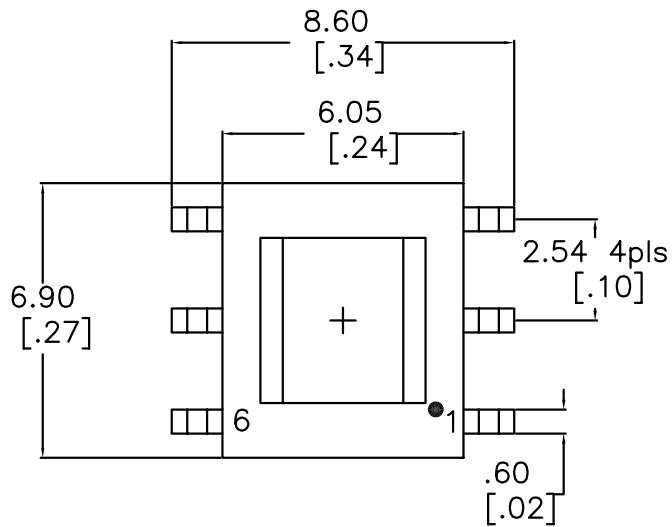
SUGGESTED PAD LAYOUT



NOTES:

- MATERIAL UL RECOGNIZED 94V-0 FOR FLAMMABILITY.
- ELECTRICAL SPECIFICATIONS [ at 25C] See Table.  
 Turns Ratio [1-3]:[6-4]      Luh Nom/Min      DCR [1-3] | [6-4]  
 1 : 1                              1200/785              0.30 Ohms Nom, 0.60 Ohms Max  
 Volt-uSec [1-3]                      Leakage Ind (nH)  
 9.7 Max                              100 Nom 460 Max
- Dielectric Withstand Voltage. 1500Vdc      1,3 : 6,4  
 Order per CHAMPS PN GD-68386

01	Revised Drawing			4/21/10	HE
No.	DESCRIPTION	REVISIONS	DATE	APPR	
<b>CHAMPS TECHNOLOGIES</b>					
THIRD ANGLE PROJECTION					
TOLERANCES UNLESS OTHERWISE INDICATED					
.XXX .XX .X ANGLE ±	DRAWN	SIGN	DATE	Drwg.No. GD-PE68386	
	CHKD	HE	2/10/07	TITLE: Transf, Gate Drive	
	APPR			ISSUE A	REV 00
				SIZE	SCALE 4:1



**ELECTRICAL INFORMATION:**

- DCR [1-3] = 0.95 ohms Max. | [6-4] = 1.25 ohms Max.
- Inductance [1-3] = 400uH Min @10KHz, 0.1 VRMS @ 25C
- Volt-usec Rating [1-3] = 27 Typ
- Dielectric Strength 6 Sec Min: [1,3] to [6,4] to Grnd = 1500 VAC
- Weight 1 grams Max | RoHS Compliant | Pin Composition Tin Plating

No.	DESCRIPTION	REVISIONS	DATE	APPR
<b>CHAMPS TECHNOLOGIES</b>				
<small>THIRD ANGLE PROJECTION</small> 	DRAWN	SIGN	DATE	Drwg.No. HR4470
	CHKD	HE	7/16/07	TITLE: Gate Drive Transf. ISSUE A REV 00
<small>TOLERANCES UNLESS OTHERWISE INDICATED</small> .XXX ± .XX ± .X ± ANGLE ±	APPR		SIZE	SCALE 3:1

