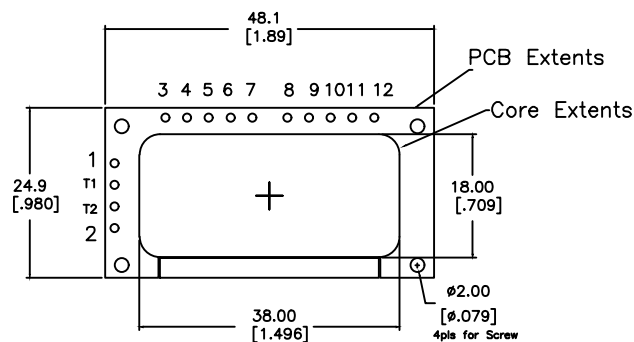


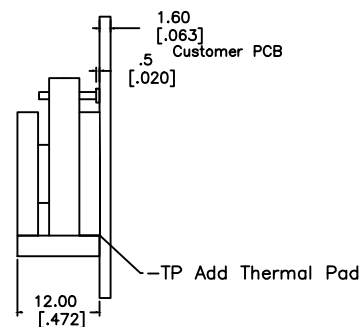
A
B
C
D
E
F

[TOP VIEW]



[PROFILE VIEW]

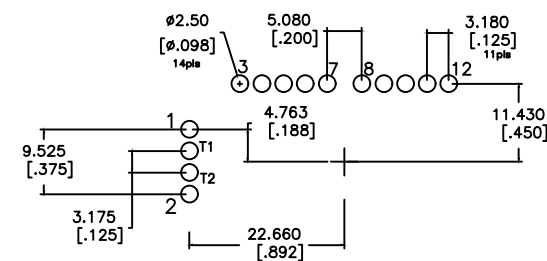
-SURFACE MOUNT LAYOUT



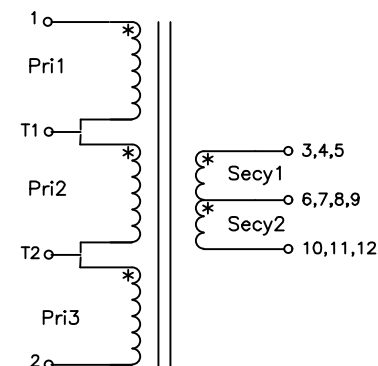
Order PN: UY38-1216-250D

[TOP VIEW]

Surface Mount Pad LAYOUT



SCHEMATIC



Electrical Information:

1. TURNS RATIO [1-2]:[3,4,5-6,7,8,9] & [1-2]:[6,7,8,9-10,11,12]=1.5:1.0 $\pm 2\%$
2. INDUCTANCE [1-2] = 186 μ H Nom. $\pm 25\%$ @100kHz/1.0V
3. LEAKAGE INDUCTANCE [1-2] : SHORT 3 thru 12 = 150 nH Nom @100kHz
4. DCR [1-2]=18 mohms Nom; [3,4,5-6,7,8,9]=[6,7,8,9-10,11,12]=25 mohms Nom
5. CAPACITANCE 1,2 to 3,12 = 380 pF Nom @100kHz
6. DIELECTRIC ISOLATION: [1,2] : [3,7][8,12] : CORE > 2500 VDC
DIELECTRIC ISOLATION: [3,7][8,12] : CORE > 500 VDC
7. RoHS & Reach Compliant
8. Temp Range: -55C To +155C [Inclusive of Temp Rise]

No.	DESCRIPTION	REVISIONS	DATE	APPR
THIRD ANGLE PROJECTION				
CHAMPS TECHNOLOGIES				
TOLERANCES/UNITS in MM UNLESS OTHERWISE INDICATED				
DRAWN	SIGN	DATE	Champs-Tech PN UY38-1216-250D	
CHKD	J.L.	4/27/26	Customer	
APPR	H.E.	115.2.24-02	Part #:	
.XXX ± 0.254		SIZE		ISSUE
.XX ± 0.58		SCALE 1:1		REV
.X ± 1.5				A
ANGLE ± 1.5				00