

TITLE

TRANSFORMER, T1



1000 PARKERS LAKE ROAD
WAYZATA, MN 55391
(952) 475-1173

AGENCY APPROVAL:

N/A

PART NUMBER

37050

REV B

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SPECIFICATIONS

OPERATING TEMPERATURE RANGE:
-40°C TO +85°C

1. INDUCTANCE: @ 0.1Vrms, 10 KHz
3-1 = 2.3 mH MIN.

2. TURNS RATIO: 3-1 : 4-6 = 2.32CT : 1 ± 1%
3-2 : 2-1 = 1 : 1 ± 1%

3. DC RESISTANCE: OHMS MAX
3-1 = 2.3
4-6 = 1.0

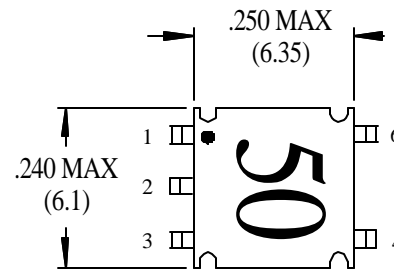
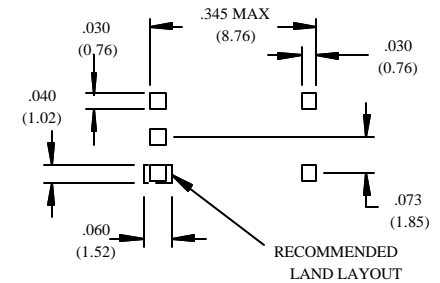
4. LEAKAGE INDUCTANCE: 0.1 VRMS, 100 kHz
3-1 TIE 4&6 = 1.2 μH MAX

5. IWC: 0.1 VRMS, 100 kHz
3 TO 4 = 55 pF MAX

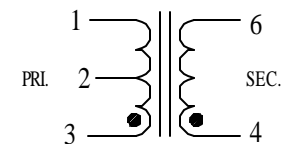
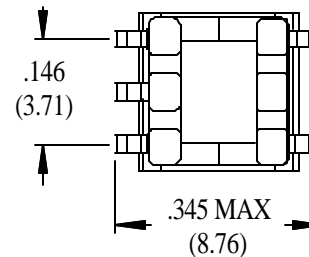
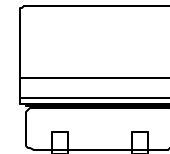
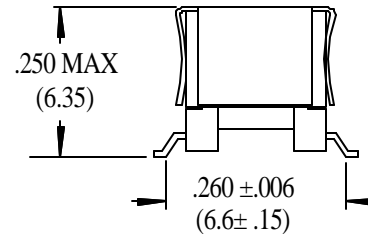
6. HIPOT: 1500 VAC, 60 Hz, 2 SECONDS
PIN 3 TO 4

7. RETURN LOSS: 100 kHz - 1 MHz
= 19 dB MIN.
PRIMARY = 3-1 = 135 OHMS
SECONDARY = 4-6 = 25 OHMS

PWB FOOTPRINT



NOTE:
COPLANARITY < .004



TOLERANCES	2 PLACE	3 PLACE	ANGLE
UNLESS OTHERWISE NOTED	± .01	± .005	± °