

TITLE

TRANSFORMER, T1



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

AGENCY APPROVAL:

N/A

PART NUMBER

36605

REV B

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SPECIFICATIONS

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

1. INDUCTANCE: @ 0.1Vrms, 10 KHz
3-1 = 2.0 mH MIN.

2. TURNS RATIO: 3-1 : 4-6 = 1.35 : 1 ± 1%
3-2 : 2-1 = 1 : 1 ± 1%

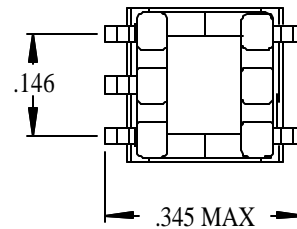
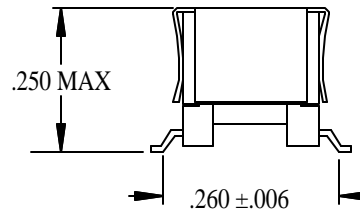
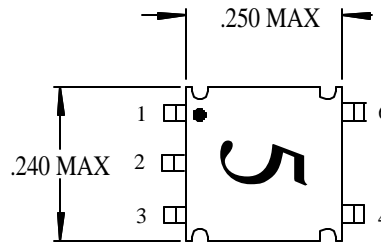
3. DC RESISTANCE: OHMS MAX
3-1 = 2.7
4-6 = 1.9

4. LEAKAGE INDUCTANCE: 0.1 VRMS, 100 kHz
3-1 TIE 4&6 = 1.0 µH MAX

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

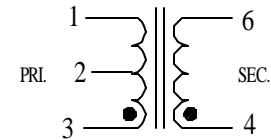
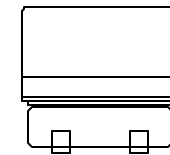
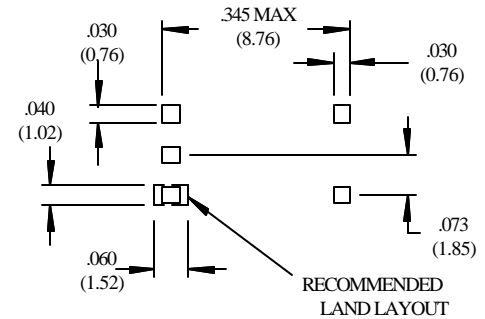
6. HIPOT: 1500 VAC, 60 Hz, 2 SECONDS
PIN 3 TO 4

7. RETURN LOSS: 100 kHz - 1 MHz
= 19 dB MIN.
PRIMARY = 3-1 = 135 OHMS
SECONDARY = 4-6 = 75 OHMS



NOTE:
COPLANARITY < .004

PWB FOOTPRINT



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