

TITLE

TRANSFORMER, T1



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

AGENCY APPROVAL:

N/A

PARTNUMBER

36606

REV C

PAGE 1 END

SPECIFICATIONS

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

- 1. INDUCTANCE: @ 0.1Vrms, 10 KHz
3-1 = 2.2 mH MIN.
- 2. TURNS RATIO: 3-1 : 4-6 = 1.149 : 1 ± 1%
3-2 : 2-1 = 1 : 1 ± 1%

- 3. DC RESISTANCE: OHMS MAX
3-1 = 2.8
4-6 = 2.5

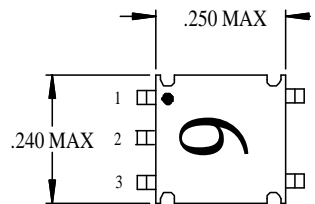
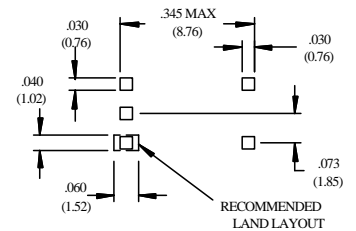
- 4. LEAKAGE INDUCTANCE: 0.1 VRMS, 100 kHz
3-1 TIE 4&6 = 1.3 µH MAX

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

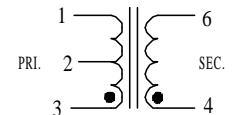
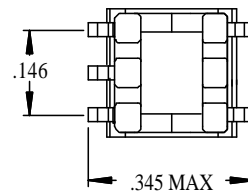
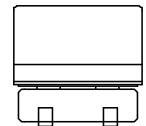
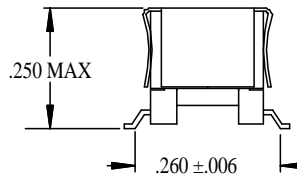
- 6. HIPOT: 1500 VAC, 60 Hz, 2 SECONDS
PIN 3 TO 4

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

PWB FOOTPRINT



NOTE:
COPLANARITY < .004



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