



TITLE

TRANSFORMER, POWER

PN

36540

REV

C

AGENCY APPROVAL: NA

SH

2

OF

9

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 = 1.26 : 1 ± 1%
3-2 : 2-1 = 1 : 1 ± 1%

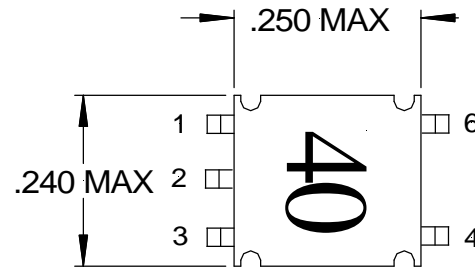
3. DC RESISTANCE: OHMS MAX
3-1 = 2.6
4-6 = 2.1

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

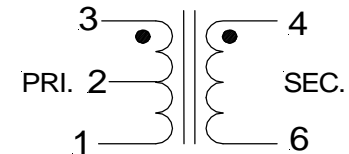
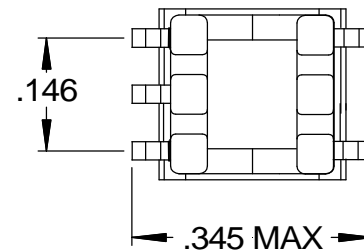
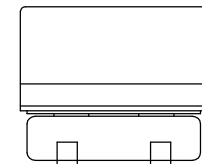
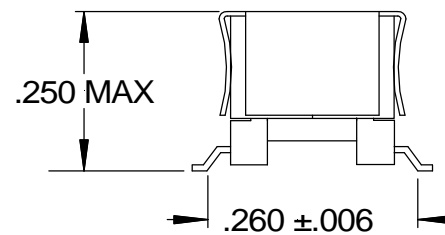
5. IWC: 0.1 VRMS, 100 kHz
3 TO 4 = 50 pF TYP

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

7. RETURN LOSS: 100 kHz - 1 MHz
= 25 dB TYP
PRIMARY = 3-1 = 120 OHMS
SECONDARY = 4-6 = 75 OHMS



NOTE:
COPLANARITY ≤ .004 (0.10)



PWB FOOTPRINT

