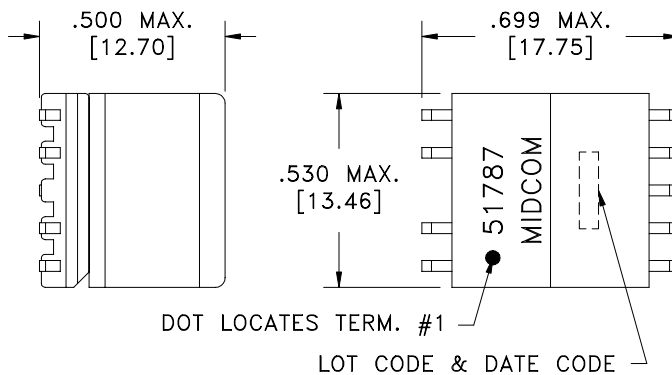
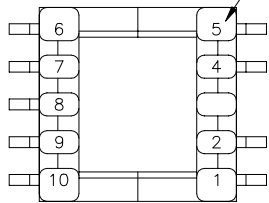
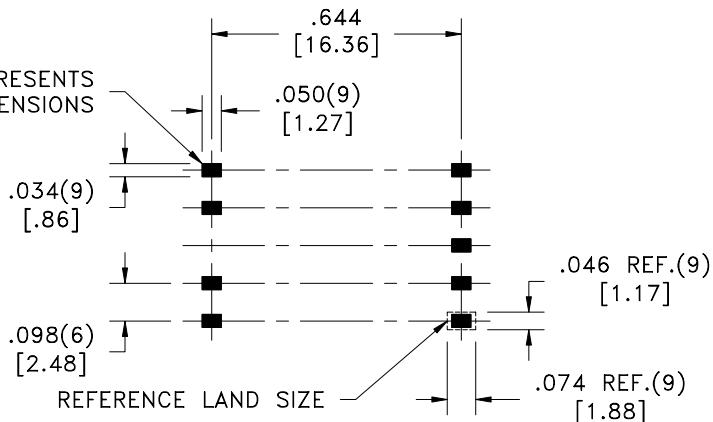
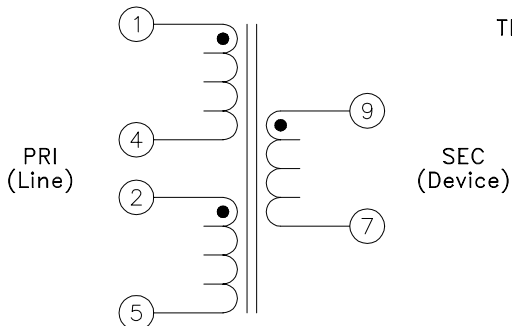


TERM. NO.'s FOR REF. ONLY



AREA REPRESENTS
TERMINAL PAD DIMENSIONS



ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:

- LONGITUDINAL BALANCE: 45dB min., 10k - 400kHz, per ITU Method (L->M).
- D.C. RESISTANCE (@20°C): 1-4, 3.10 ohms ±10%.
2-5, 3.10 ohms ±10%.
7-9, 2.00 ohms ±10%.
- INSERTION LOSS: 1dB max., 100kHz, 42 ohm load.
- DIELECTRIC RATING: 1500VAC, 1 minute tested by applying 1875VAC for 1 second between 1-9(tie 2+4).
- INDUCTANCE: 2.75mH ±6%, 10kHz, 100mVAC, 0/100mADC, 1-5(tie 2+4), Ls.
- LEAKAGE INDUCTANCE: 15uH max., 100kHz, 100mVAC, 1-5(tie 2+4, 7+9), Ls.
- RETURN LOSS: 16dB min., 30k - 400kHz, 42 ohm load, tie(2+4).
- URNS RATIO: (1-5):(9-7) = 1.8:1, tie(2+4), ±2%.
- TOTAL HARMONIC DISTORTION: -80dB max., 10kHz, 14dBm, 42 ohm load, 135 ohm input, tie(2+4).
- INTERWINDING CAPACITANCE: 100pF max., 100kHz, 100mVAC, 1-9(tie 2+4), Cs.
- OPERATING TEMPERATURE RANGE: -40°C to +85°C.

Designed to comply with the following requirements as defined by IEC60950-1, EN60950-1, UL60950-1/CSA60950-1 and AS/NZS60950.1:
- Supplementary insulation for a primary circuit at a working voltage of 250Vrms.

Midcom, Inc.

Watertown, SD USA
Toll Free: 800-643-2661
Fax: 605-886-4486

Unless otherwise specified:
Tolerances: Fractions: ±1/64
Angles: ±1° Decimals: ±.005 [1.13]

DRAWING TITLE

TRANSFORMER

REVISIONS: SEE SHEET 1

Midcom

DRAWING NO.

51787R

REV.

6A
6/06

SCALE ---

SHEET 2 OF 5

DWG.# 51787R

This drawing is dual dimensioned.
Dimensions in brackets are in millimeters.