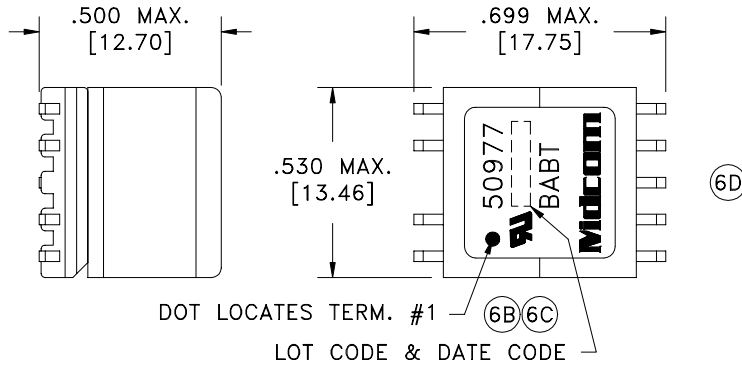
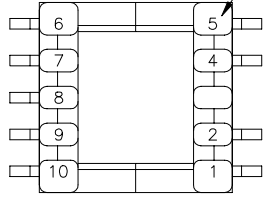
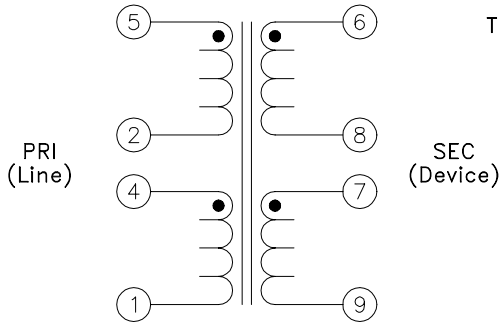


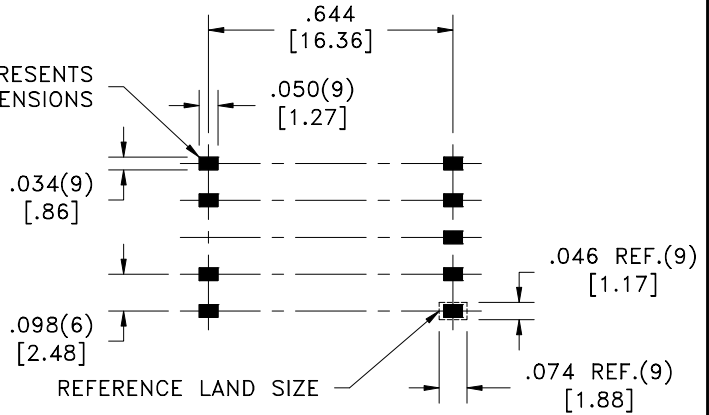
TERM. NO.'s FOR REF. ONLY



DOT LOCATES TERM. #1
LOT CODE & DATE CODE



AREA REPRESENTS
TERMINAL PAD DIMENSIONS



CUSTOMER TO DETERMINE LAND LAYOUT

6B 6D

ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:

- 6C LONGITUDINAL BALANCE: 55dB min., 20k - 560kHz, per ITU Method (L->M).
- D.C. RESISTANCE (@20°C):
 - 5-2, 1.87 ohms ±10%.
 - 4-1, 1.87 ohms ±10%.
 - 6-9(tie 7+8), 0.61 ohms ±10%.
- 6B 6C DIELECTRIC RATING: 2000VAC, 1 minute tested by applying 2050VAC for 1 second between 5-6; 5-7; 4-6; 4-7.
- INDUCTANCE: 2mH ±10%, 10kHz, 1.0mVAC, 0/100mADC, 5-1(tie 2+4), Ls.
- LEAKAGE INDUCTANCE: 35uH max., 100kHz, 100mVAC, 5-1(tie 2+4, 6+9, 7+8), Ls.
- RETURN LOSS: 15dB min., 50k - 200kHz, 15 ohm load, tie(2+4, 7+8).
- TURNS RATIO: (5-1):(6-9) = 3:1, tie(2+4, 7+8), ±1%.
- TOTAL HARMONIC DISTORTION: -80dB max., 20kHz, 4.95Vrms, 15 ohm load, 135 ohm input, tie(2+4, 7+8).
- INTERWINDING CAPACITANCE: 60pF max., 100kHz, 100mVAC, 5-6(tie 2+4, 7+8), Cs.
- OPERATING TEMPERATURE RANGE: -40°C to +85°C.

6B 6C

| AGENCY NUMBER | |
|------------------------------|-----------|
| BABT | NC/006975 |
| UL 60950 | E205930 |
| CSA 60950 (Via CUL) | E205930 |
| IEC 950 (Via CB cert.) | GB540W |
| ACA/AUSTEL (Via CB cert.) | GB540W |
| JAPAN (Via CB cert.) | GB540W |

- 6B 6C Designed to comply with the following requirements as defined by IEC950, EN60950, UL60950/CSA60950 and AS/NZS3260:
 - Supplementary insulation for a primary circuit at a working voltage of 250Vrms.
 - Reinforced insulation for a secondary circuit at a working voltage of 150VDC.

DETAILS SUBJECT TO CHANGE

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[.13]

DRAWING TITLE

TRANSFORMER

REVISIONS: SEE SHEET 1

Midcom

DRAWING NO.

50977R

SCALE ---

REV.

6D
7/03

SHEET 2 OF 6

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

DWG.# 50977R 6B