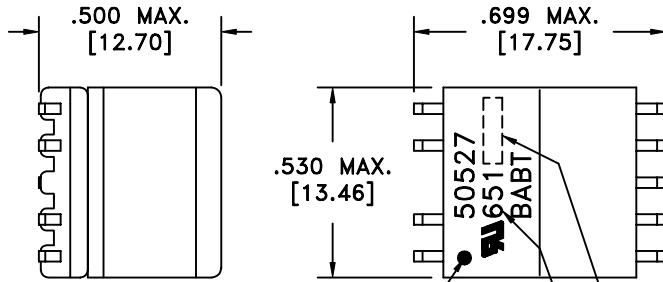
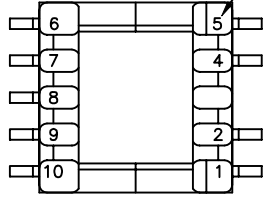
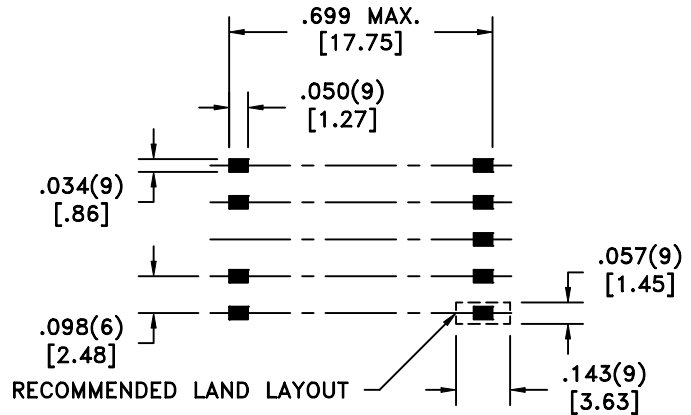
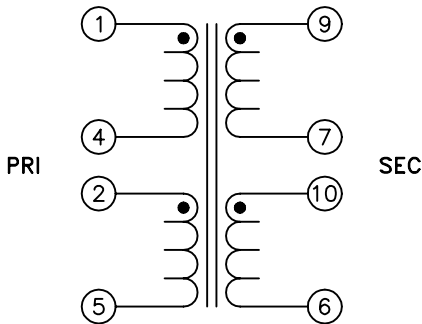


TERM. NO.'s FOR REF. ONLY



DOT LOCATES TERM. #1 (6D)(6E)  
EIA CODE  
LOT CODE & DATE CODE



(6E) TERMINAL PAD DIMENSIONS  
CUSTOMER TO DETERMINE LAND SIZE

**ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:**

- LONGITUDINAL BALANCE: 55dB min., 25k - 1MHz, per ITU Method (L->M).
- D.C. RESISTANCE (@20°C):
  - 9-7, 0.42 ohms ±10%.
  - 1-4, 0.98 ohms ±10%.
  - 2-5, 0.98 ohms ±10%.
  - 10-6, 0.92 ohms ±10%.
- INSERTION LOSS: 0.5dB max., at 100k, per IEEE method, 6.25 ohm load.
- DIELECTRIC RATING: 1500VAC, 1 minute tested by applying 1875VAC for 1 second between PRI-SEC.
- INDUCTANCE: 27.5uH ±10%, 10kHz, 100mVAC, 9-7, Ls.
- LEAKAGE INDUCTANCE:
  - 1.4uH typ., 100kHz, 100mAAC, 9-7(1+4, 2+5), Ls.
  - 8.4uH typ., 100kHz, 100mAAC, 10-6(1+4, 2+5), Ls.
- TURNS RATIO:
  - (1-5):(9-7), 4:1, tie(2+4), ±1%.
  - (1-5):(10-6), 2:1, tie(2+4), ±1%.
- TOTAL HARMONIC DISTORTION: -90.0dB typ., 100kHz, 15Vp-p, 6.25 ohm load, 100 ohm input.

(6D)(6E) Designed to comply with the following requirements as defined by IEC950, EN60950, UL60950/CSA60950 and AS/NZS60950:  
- Supplementary insulation for a primary circuit at a working voltage of 250Vrms.

(6D) AGENCY NUMBER	
(6E) BAPT	NC/005589
(6E) UL 60950	E205930
(6E) CSA 60950 (Via CUL)	E205930
IEC 950 (Via CB cert.)	GB498W
ACA/AUSTEL (Via CB cert.)	GB498W
JAPAN (Via CB cert.)	GB498W

**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. (6D) REV. 6E  
**50527R** 11/01

SCALE --- SHEET 2 OF 6 (6D)

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

DWG # 50527R (6D)