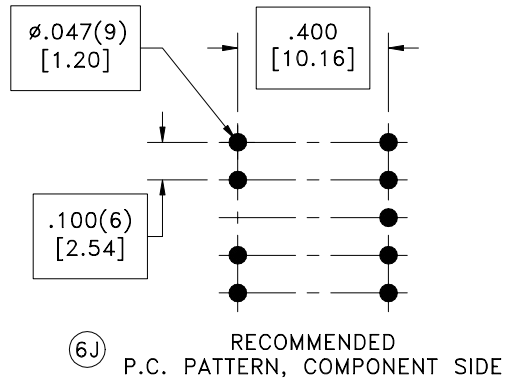
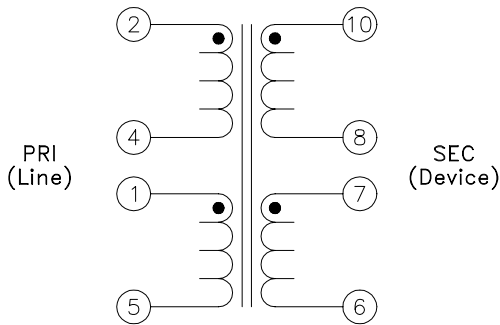
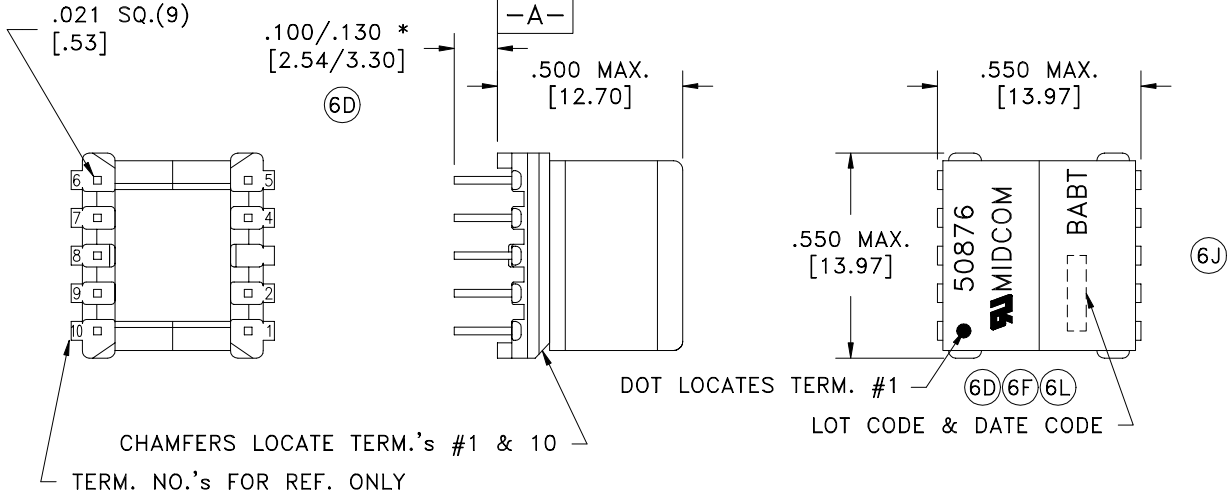


PART MUST INSERT FULLY TO SURFACE A IN RECOMMENDED GRID

* DIMENSION MAY BE EXCEEDED WITH SOLDER ONLY



ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:

- LONGITUDINAL BALANCE: 55dB min., 10k – 400kHz, per ITU Method (L->M).
- D.C. RESISTANCE (@20°C):
 - 2-4, 3.30 ohms ±10%.
 - 1-5, 3.30 ohms ±10%.
 - 10-8, 1.35 ohms ±10%.
 - 7-6, 1.70 ohms ±10%.
- INDUCTANCE: 2.25mH ±5%, 10kHz, 100mVAC, 0/100mADC, 2-5(tie 1+4), Ls, -40°C to +85°C.
- LEAKAGE INDUCTANCE: 30uH max., 100kHz, 100mVAC, 2-5(tie 1+4, 7+8, 10+6), Ls.
- URNS RATIO: (2-5):(10-6) = 1.5:1, tie(1+4, 7+8), ±1%.
- TOTAL HARMONIC DISTORTION: -71dB max., 15kHz, 3.8Vrms at input, 135 ohm input on 2-5, 15 ohm load on 10-8, tie(1+4, 10+7, 8+6).
- OPERATING TEMPERATURE RANGE: -40°C to +85°C.

AGENCY NUMBER	
6G BABT	NC/012205
6G UL 60950	E205930
6G CSA 60950 (Via CUL)	E205930
IEC 950 (Via CB cert.)	US/8104/UL
JAPAN (Via CB cert.)	US/8104/UL
ACA/AUSTEL (Via CB cert.)	US/8104/UL

- 6D 6G Designed to comply with the following requirements as defined by IEC60950, EN60950, UL60950/CSA60950 and AS/NZS60950:
 - Supplementary insulation for a primary circuit at a working voltage of 250Vrms.
 - Reinforced insulation for a secondary circuit at a working voltage of 150VDC.

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.

50876

REV.

6L
 10/04

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

SCALE ---

SHEET 2 OF 6

DWG # 50876 6D