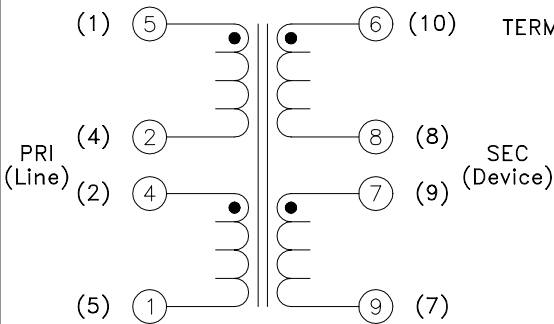
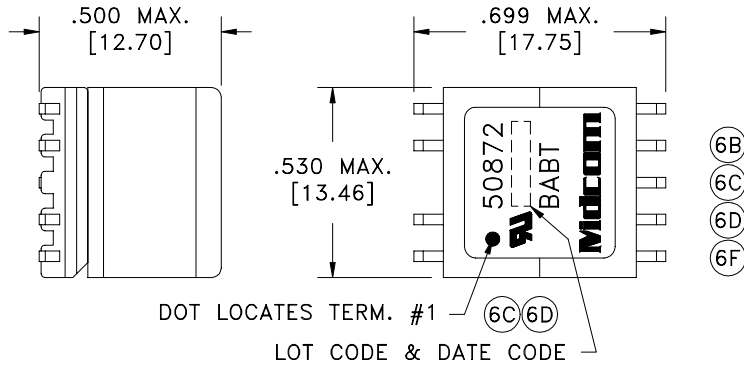
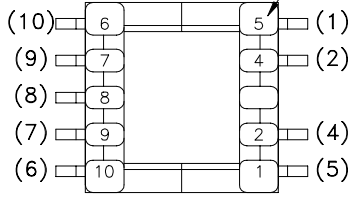
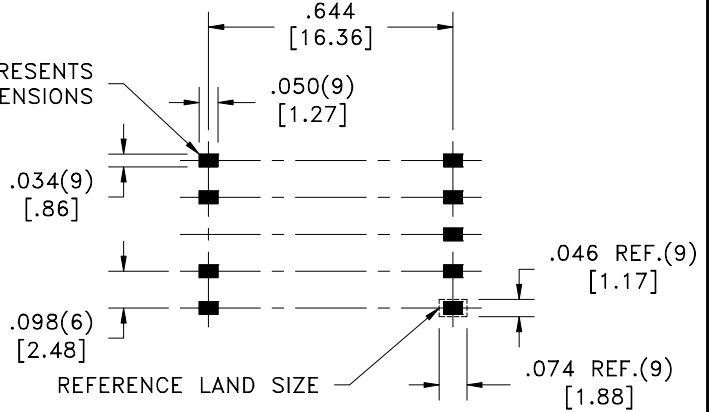


TERM. NO.'s FOR REF. ONLY
CUSTOMER TERM. NO.'s IN ()



AREA REPRESENTS
TERMINAL PAD DIMENSIONS



(6F)(6C) CUSTOMER TO DETERMINE LAND LAYOUT

ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:

LONGITUDINAL BALANCE: 55dB min., 20k - 560kHz, per ITU Method (L->M).

D.C. RESISTANCE (@20°C):
1-4, 1.86 ohms ±10%.
2-5, 1.86 ohms ±10%.
6-9(tie 7+8), 0.90 ohms ±10%.

(6C)(6E) 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, 1.0VAC, 0/100mADC, 1-5(tie 2+4), Ls.

LEAKAGE INDUCTANCE: 35uH max., 100kHz, 100mVAC, 1-5(tie 2+4, 7+8, 6+9), Ls.

RETURN LOSS: 15dB min., 50k - 200kHz, 25.5 ohm load, 135 ohm input, tie(2+4, 7+8).

TURNS RATIO: (5-1):(6-9) = 2.3:1, tie(2+4, 7+8), ±2%.

TOTAL HARMONIC DISTORTION: -80dB max., 20kHz, 4.95Vrms, 25.5 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.

Designed for use with Level One's SK70740 HDLSL2 chipset.

(6C)(6E) 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.

DETAILS SUBJECT TO CHANGE

(6C) AGENCY NUMBER	
(6D) IEC 950 (Via CB cert.)	GB540W
(6D) ACA/AUSTEL (Via CB cert.)	GB540W
(6D) JAPAN (Via CB cert.)	GB540W
(6E) BABT	NC/006975
(6E) UL 60950	E205930
(6E) CSA 60950 (Via CUL)	E205930

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.
50872R

REV.
6F
7/03

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

SCALE --- SHEET 2 OF 6

DWG # 50872R (6B)