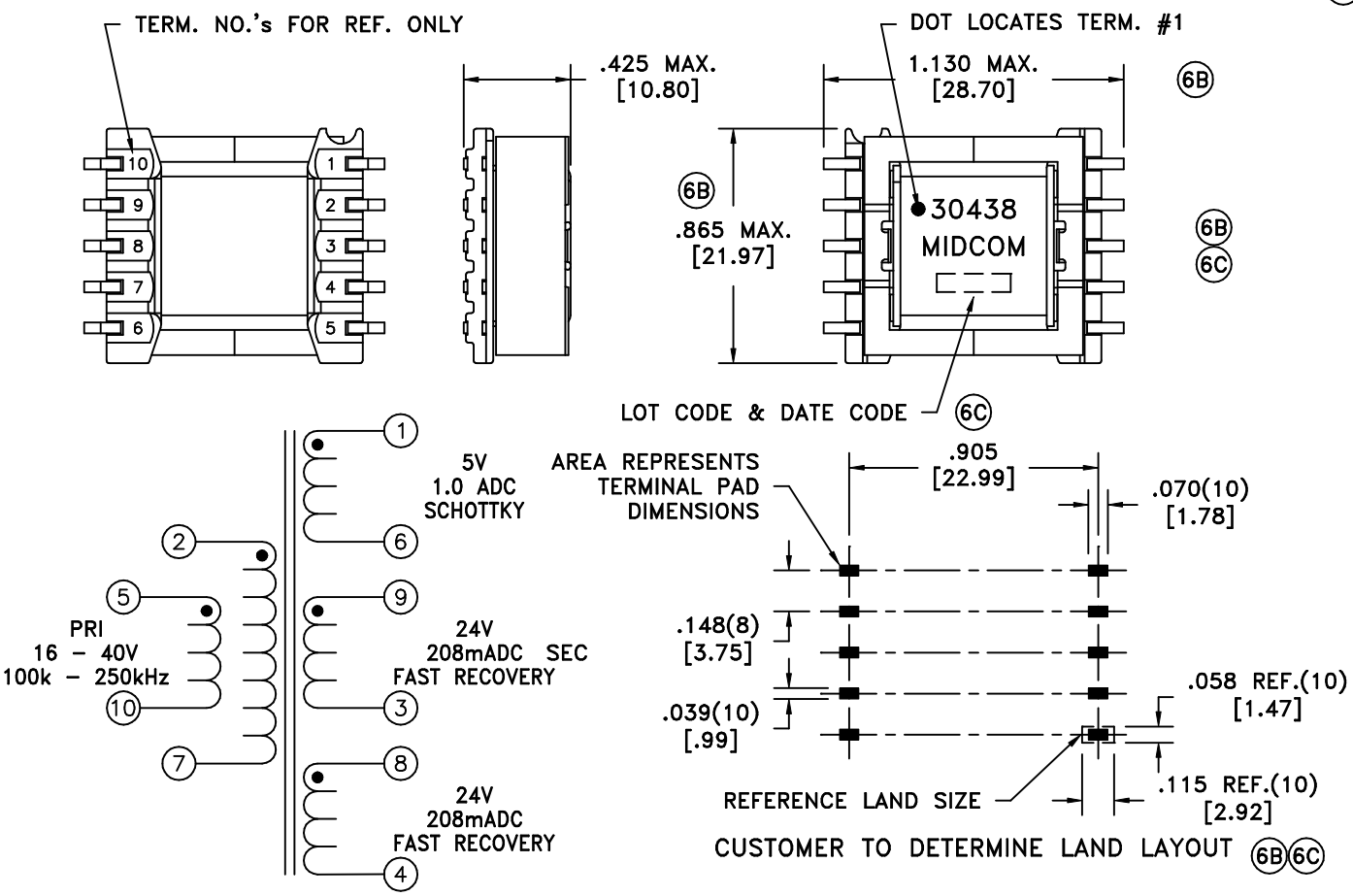

ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:

D.C. RESISTANCE (@20°C): 2–7, 0.058 ohms max.
1–6, 0.040 ohms max.
9–3, 0.779 ohms max.
8–4, 0.815 ohms max.
5–10, 0.075 ohms max.

DIELECTRIC RATING; 500VAC, 1 minute tested by applying 625VAC for 1 second between PRI–SEC.

INDUCTANCE: 26.8uH ±5%, 10kHz, 100mVAC, 2–7, Ls

LEAKAGE INDUCTANCE: 268nH typ., 100kHz, 100mVAC, 2–7(tie 9+3, 8+4, 1+6, 10+7, 2+5), Ls.

TURNS RATIO: (2–7):(1–6) = 1.636:1, ±1%.
(2–7):(9–3) = 0.360:1, ±1%.
(2–7):(8–4) = 0.360:1, ±1%.
(2–7):(10–5) = 1:1, ±1%.

TRANSFORMER INFORMATION:	
Pout max.:	15.0W
Pout min.:	5.70W
Estimated Temp. Rise @ Pout max.:	32.0°C
Estimated Efficiency:	80.2%
Estimated Maximum Duty Cycle:	38.5%

SWITCH SELECTION INFORMATION	
Input Voltage Range:	16 – 40V
Peak Current:	4.6A
Vsw @ Rated Output Voltages:	50 + (Vmax – 40)
Operating Frequency:	100k – 250kHz

Transformer will operate in Discontinuous Mode below Minimum Specified Output Voltage of Pout Min. Pout min. varies with frequency of switcher (from 100k to 250kHz).
Pout Min = 570.0/(Frequency in kHz) Watts.

DETAILS SUBJECT TO CHANGE

Unless otherwise specified:
Tolerances:
Angles: ±1°
Fractions: ±1/64
Decimals:±.005[.13]

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

DRAWING TITLE
TRANSFORMER

eiSos p/n:

Midcom
www.midcom-inc.com

PART NO. 6B **30438R** REV. 6C 1/03

SEE REVISION SHEET FOR REVISION LEVEL

SPECIFICATION SHEET 1 OF 1

PART# 30438R