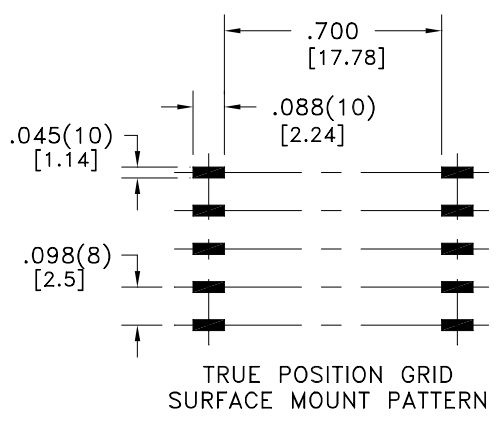
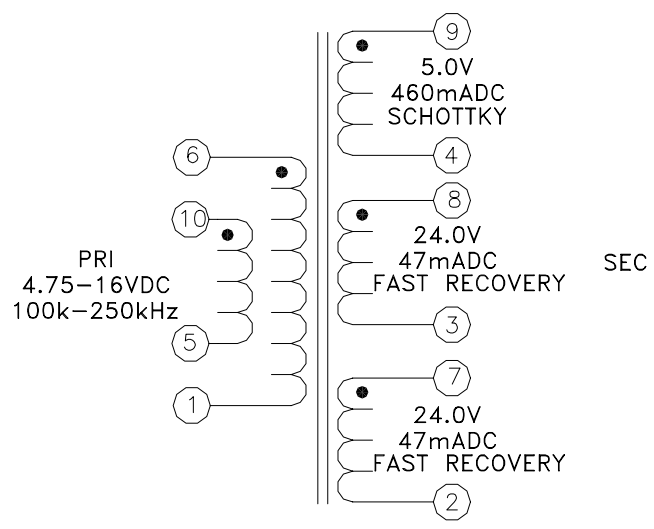
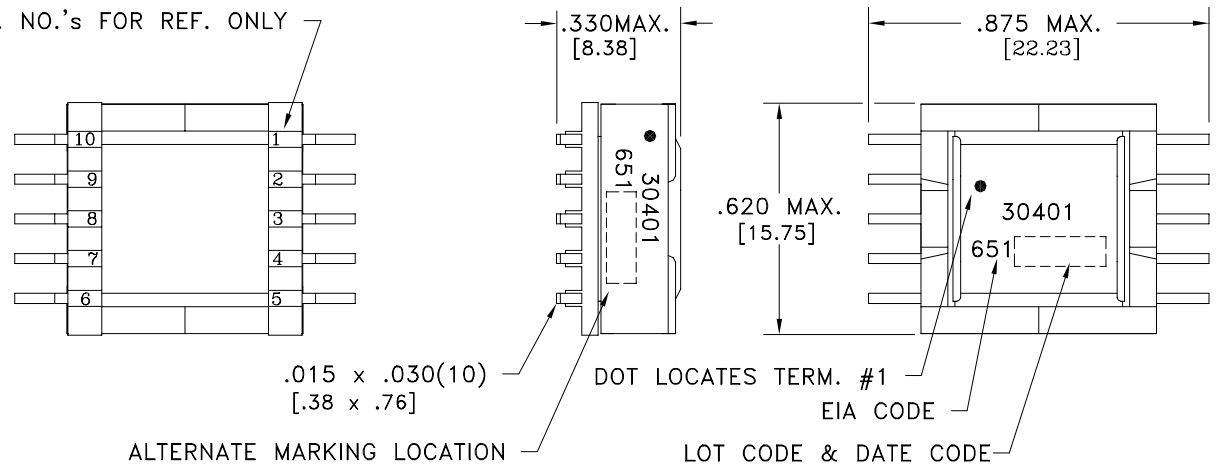


TERM. NO.'s FOR REF. ONLY



**SPECIFICATIONS:**

D.C. RESISTANCE, 20°C: 6-1, 0.082 ohms max.  
 9-4, 0.096 ohms max.  
 8-3, 4.810 ohms max.  
 7-2, 5.010 ohms max.  
 10-5, 0.107 ohms max.

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

INDUCTANCE: 10.65uH ±5%, 10kHz, 100mVAC, 6-1, Ls

LEAKAGE INDUCTANCE: 226nH typ., 100kHz, 100mVAC, 6-1(tie 9+4, 8+3, 7+2, 10+6, 1+5), Ls.

URNS RATIO: (6-1):(9-4) = 0.909:1 ±1%  
 (6-1):(8-3) = 0.202:1 ±1%  
 (6-1):(7-2) = 0.202:1 ±1%  
 (6-1):(10-5) = 1:1 ±1%

TRANSFORMER INFORMATION:

Pout max.: 4.55W  
 Pout min.: 2.48W  
 Estimated Temp. Rise @ Pout max.: 35.0°C  
 Estimated Efficiency: 71.5%  
 Estimated Maximum Duty Cycle: 54.7%

SWITCH SELECTION INFORMATION

Input Voltage Range: 4.75 - 16V  
 Peak Current: 3.8A  
 Vsw @ Rated Output Voltages: 26 + (Vmax - 16)  
 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 100 to 250kHz) Pout Min = 248.0/(Frequency in kHz) Watts

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(.127mm)

DRAWING TITLE  
**TRANSFORMER**

**Midcom**

DRAWING NO. 30401  
 30401R  
 REV. 6B

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

REVISIONS: SEE SHEET 1

SCALE 1:1 SHEET 2 OF 5

DWG.# 30401/R