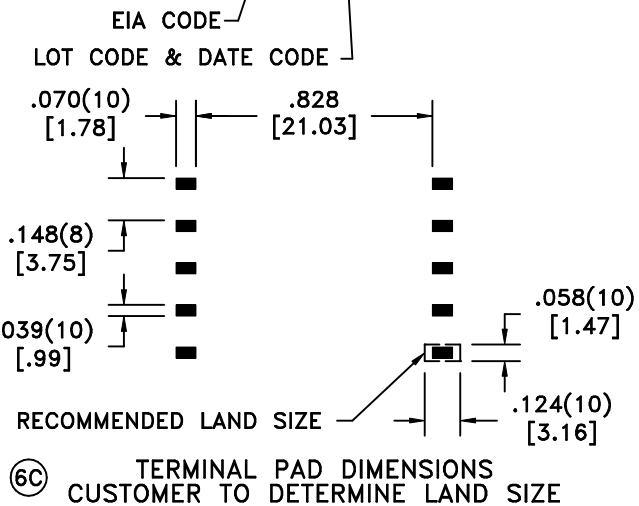
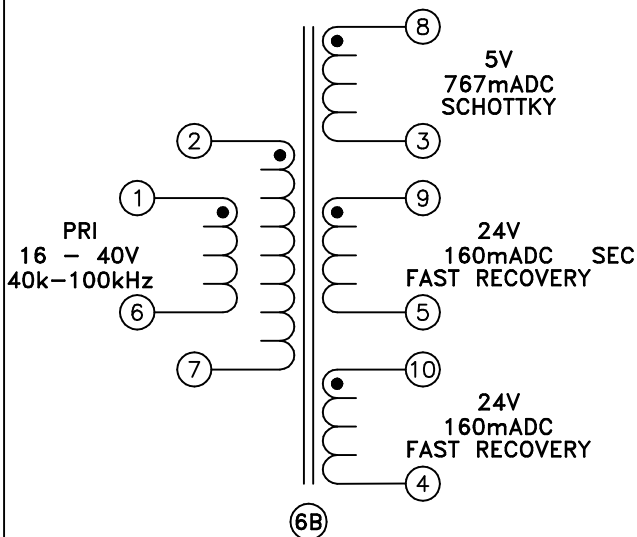
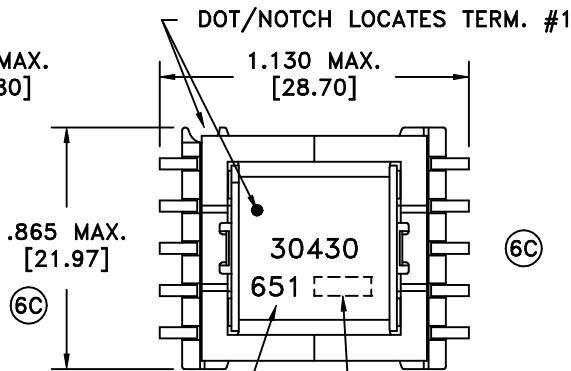
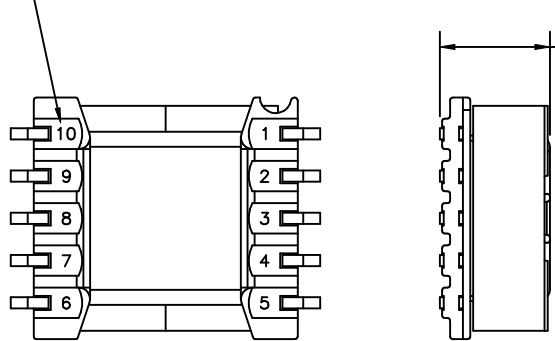


6C

TERM. NO.'s FOR REF. ONLY



6C TERMINAL PAD DIMENSIONS CUSTOMER TO DETERMINE LAND SIZE

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

D.C. RESISTANCE (@20°C):  
 2-7, 0.131 ohms max.  
 8-3, 0.069 ohms max.  
 9-5, 1.333 ohms max.  
 10-4, 1.333 ohms max.  
 1-6, 0.168 ohms max.

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

INDUCTANCE: 39.2uH ±5%, 10kHz, 100mVAC, 2-7, Ls.

LEAKAGE INDUCTANCE: 390nH typ., 100kHz, 100mVAC, 2-7(tie 9+5, 8+3, 7+6, 10+4, 1+2), Ls.

URNS RATIO:  
 (2-7):(8-3) = 1.33:1, ±1%.  
 (2-7):(9-5) = 0.296:1, ±1%.  
 (2-7):(10-4) = 0.296:1, ±1%.  
 (2-7):(1-6) = 1:1, ±1%.

**TRANSFORMER INFORMATION:**

Pout max.: 11.5W  
 Pout min.: 7.40W  
 Estimated Temp. Rise @ Pout max.: 26.8°C  
 Estimated Efficiency: 80.1%  
 Estimated Maximum Duty Cycle: 33.8%

**SWITCH SELECTION INFORMATION**

Input Voltage Range: 16 - 40V  
 Peak Current: 4.7A  
 Vsw @ Rated Output Voltages: 48 + (Vmax - 40)  
 Operating Frequency: 40k - 100kHz

Transformer will operate in Discontinuous Mode below Minimum Specified Output Voltage of Pout Min. Pout min. varies with frequency of switcher (from 40 to 100kHz) Pout Min = 740.0/(Frequency in kHz) Watts.

Unless otherwise specified: Tolerances: Angles: ±1° Fractions: ±1/64 Decimals: ±.005[.13]	DRAWING TITLE <h1 style="text-align: center;">TRANSFORMER</h1>		PART # 30430R
	eiSos p/n: SEE REVISION SHEET FOR REVISION LEVEL		
This drawing is dual dimensioned. Dimensions in brackets are in millimeters.		SPECIFICATION SHEET 1 OF 1	