



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

6D D.C. RESISTANCE (@20°C):  
 2-7, 0.059 ohms max.  
 1-6, 0.041 ohms max.  
 9-3, 0.042 ohms max.  
 8-4, 0.044 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: 325nH typ., 100kHz, 100mVAC, 2-7(tie 9+3, 8+4, 1+6, 10+7, 2+5), Ls.

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

**TRANSFORMER INFORMATION:**

Pout max.: 15.0W  
 Pout min.: 5.33W  
 Estimated Temp. Rise @ Pout max.: 36.3°C  
 Estimated Efficiency: 74.7%  
 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 = 533.0/(Frequency in kHz) Watts

DETAILS SUBJECT TO CHANGE

Unless otherwise specified: Tolerances: Angles: ±1° Fractions: ±1/64 Decimals: ±.005[.13]	DRAWING TITLE <h2 style="text-align: center;">TRANSFORMER</h2>	 www.midcom-inc.com	PART # <b>30432R</b>
	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		30432R