

ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:

- D.C. RESISTANCE (@20°C): 10-5, 0.135 ohms max.
 1-6, 0.031 ohms max.
 8-3, 0.027 ohms max.
 7-2, 0.029 ohms max.
 9-4, 0.107 ohms max.
- DIELECTRIC RATING: 500VAC, 1 minute tested by applying 625VAC for 1 second between PRI-SEC.
- 6C INDUCTANCE: 55.9uH $\pm 5\%$, 10kHz, 100mVAC, 9-4, Ls.
- LEAKAGE INDUCTANCE: 580nH typ. 100kHz, 100mVAC, 9-4(tie 8+3, 7+2, 1+6, 4+5, 10+9), Ls.
- URNS RATIO:
 (9-4):(10-5) = 1:1 $\pm 1\%$
 (9-4):(1-6) = 2.091:1 $\pm 1\%$
 (9-4):(7-2) = 2.091:1 $\pm 1\%$
 (9-4):(8-3) = 2.091:1 $\pm 1\%$


TRANSFORMER INFORMATION:

Pout max.: 20.00W
 Pout min.: 5.76W
 Estimated Temp. Rise @ Pout max.: 40.6°C
 Estimated Efficiency: 70.3%
 Estimated Maximum Duty Cycle: 44.8%

SWITCH SELECTION INFORMATION

Input Voltage Range: 16 - 40V
 Peak Current: 4.95A
 Vsw @ Rated Output Voltages: 52 + (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 100 to 250kHz) Pout Min = 576.0/(Frequency in kHz) Watts

Unless otherwise specified: Tolerances: Angles: $\pm 1^\circ$ Fractions: $\pm 1/64$ Decimals: $\pm .005$ [.13]	DRAWING TITLE		 www.midcom-inc.com	PART # 30439
	TRANSFORMER			
This drawing is dual dimensioned. Dimensions in brackets are in millimeters.	eiSos p/n:		SPECIFICATION SHEET 1 OF 1	
	SEE REVISION SHEET FOR REVISION LEVEL			