

## Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Wurth Electronics Midcom](#)  
[750510165](#)

For any questions, you can email us directly:

[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)

CUSTOMER	TERMINAL	RoHS	LEAD(Pb)-FREE
Sn96%, Ag4%	Yes	Yes	Yes

more than you expect



ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:

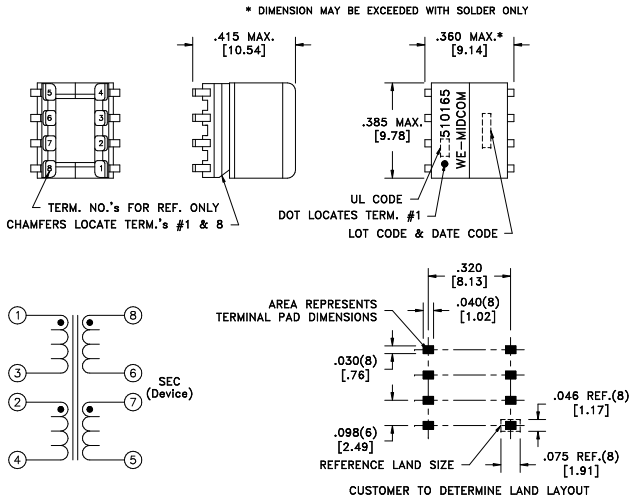
PARAMETER	TEST CONDITIONS	VALUE
D.C. RESISTANCE	1-3 @20°C	0.500 ohms max.
D.C. RESISTANCE	2-4 @20°C	0.500 ohms max.
D.C. RESISTANCE	8-6 @20°C	0.250 ohms max.
D.C. RESISTANCE	7-5 @20°C	0.250 ohms max.
INDUCTANCE	1-4 tie(2+3), 10kHz, 100mVAC, Ls	1.20mH ±10%
LEAKAGE INDUCTANCE	1-4 tie(2+3, 6+7, 5+8), 1MHz, 100mVAC, Ls	3uH max.
INTERWINDING CAPACITANCE	1-8 tie(2+3, 6+7), 100kHz, 100mVAC, Cs	60pF max.
DIELECTRIC	1-8 tie(2+3, 6+7), 1875VAC, 1 second	1500VAC, 1 minute
TURNS RATIO	(1-4):(8-5), tie(2+3, 6+7) 40kHz, 2Vrms across PRI, 11 ohm load, 100 ohm input, tie(2+3, 6+7)	3:1, ±1.5%
TOTAL HARMONIC DISTORTION		-80dB max.
LONGITUDINAL BALANCE <sup>1</sup>	20k - 2MHz	50dB min.

<sup>1</sup>Per ITU Method (L->M).

GENERAL SPECIFICATIONS:

OPERATING TEMPERATURE RANGE: -40°C to +85°C.

Designed to comply with the following requirements as defined by IEC80950-1, EN60950-1, UL60950-1/CSA60950-1 and AS/NZS60950.1:  
- Supplementary insulation for a primary circuit at a working voltage of 250Vrms.



DETAILS SUBJECT TO CHANGE

AGENCY NUMBER	
UL CODE FILE# E205930	BC

REV.	DATE	Packaging Specifications Method: <b>Tape &amp; Reel</b> PKG-0410 www.midcom-inc.com		Tolerances unless otherwise specified: Angles: ±1° Fractions: ±1/64 Decimals: ±.005 [0.13] Footprint: ±.005 [0.13]	DRAWING TITLE <b>TRANSFORMER</b>	PART NO. <b>750510165</b>
6B	12/08			This drawing is dual dimensioned. Dimensions in brackets are in millimeters.	eiSos p/n: 750510165	
6A	10/08	SEE REVISION SHEET FOR REVISION LEVEL				SPECIFICATION SHEET 1 OF 1