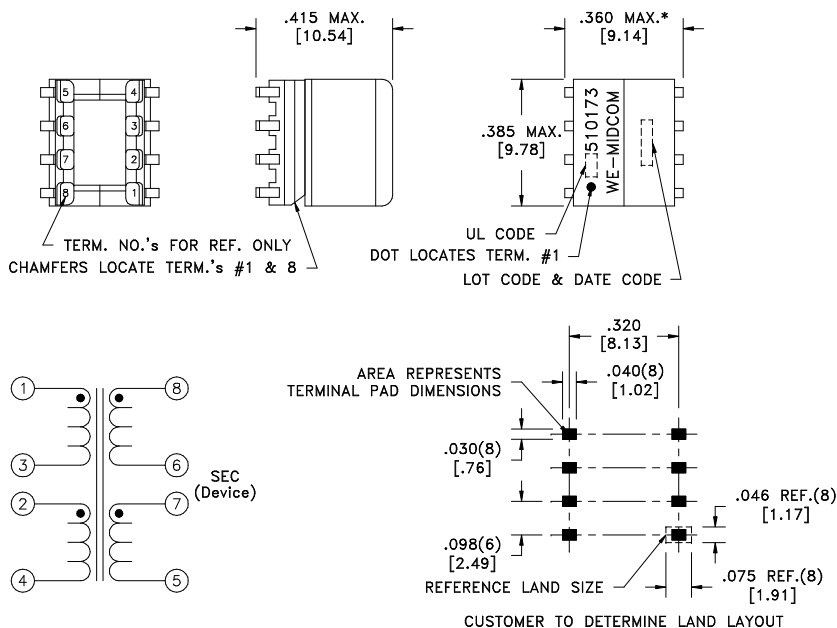


CUSTOMER TERMINAL	RoHS	LEAD(Pb)-FREE
Sn96%, Ag4%	Yes	Yes

more than you expect



\* DIMENSION MAY BE EXCEEDED WITH SOLDER ONLY



ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:

PARAMETER	TEST CONDITIONS	VALUE
D.C. RESISTANCE	1-3 @20°C	1.00 ohms max.
D.C. RESISTANCE	2-4 @20°C	1.00 ohms max.
D.C. RESISTANCE	8-6 @20°C	0.500 ohms max.
D.C. RESISTANCE	7-5 @20°C	0.500 ohms max.
INDUCTANCE	1-4 tie(2+3), 100kHz, 100mVAC, L <sub>s</sub>	220uH ±10%
LEAKAGE INDUCTANCE	1-4 tie(2+3, 5+6+7+8), 100kHz, 100mVAC, L <sub>s</sub>	1.0uH max.
INTERWINDING CAPACITANCE	1-8 tie(1+2+3+4, 5+6+7+8), 25kHz, 100mVAC, C <sub>s</sub>	40pF 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)	1:1, ±2%
TURNS RATIO	(1-3):(8-6)	1:1, ±2%
TOTAL HARMONIC DISTORTION	100kHz, 3.5Vrms across PRI, 100 ohm load, 100 ohm input, tie(2+3, 6+7)	-75dB max.
LONGITUDINAL BALANCE <sup>1</sup>	20k-2MHz	50dB min.
INSERTION LOSS	1MHz, 100 ohm load	0.5dB max.

<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 IEC60950-1, 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: Tape & Reel PKG-0410 www.midcom-inc.com	
6A	12/08	SEE REVISION SHEET FOR REVISION LEVEL	CONVENTION PLACEMENT

Tolerances unless otherwise specified:  
Angles: ±1°      Decimals: ±.005 [.13]  
Fractions: ±1/64      Footprint: ±.005 [.13]

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

DRAWING TITLE  
**TRANSFORMER**

eiSos p/n: 750510173

PART NO.  
**750510173**

compliant RoHS

SPECIFICATION SHEET 1 OF 1

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