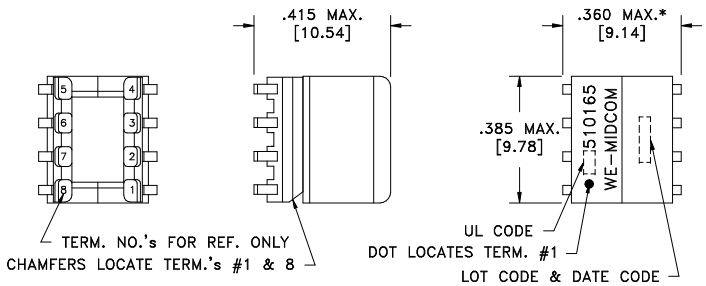
CUSTOMER TERMINAL	RoHS	LEAD(Pb)–FREE
Sn96%, Ag4%	Yes	Yes

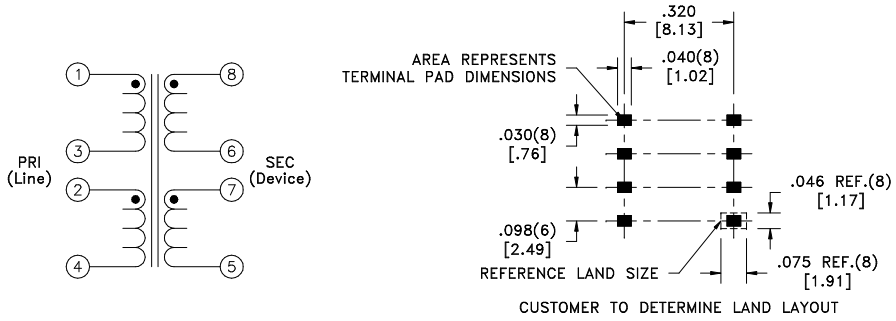
more than you expect

Midcom

WÜRTH ELEKTRONIK

* 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	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)	3:1, ±1.5%
TOTAL HARMONIC DISTORTION		40kHz, 2Vrms across PRI, 11 ohm load, 100 ohm input, tie(2+3, 6+7)	–80dB max.
LONGITUDINAL BALANCE [1]		20k – 2MHz	50dB min.

[1]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
6B	12/08
6A	10/08

Packaging Specifications
Method: Tape & Reel
PKG–0410
www.midcom–inc.com

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: 750510165

compliant RoHS

PART NO.
750510165

SPECIFICATION SHEET 1 OF 1