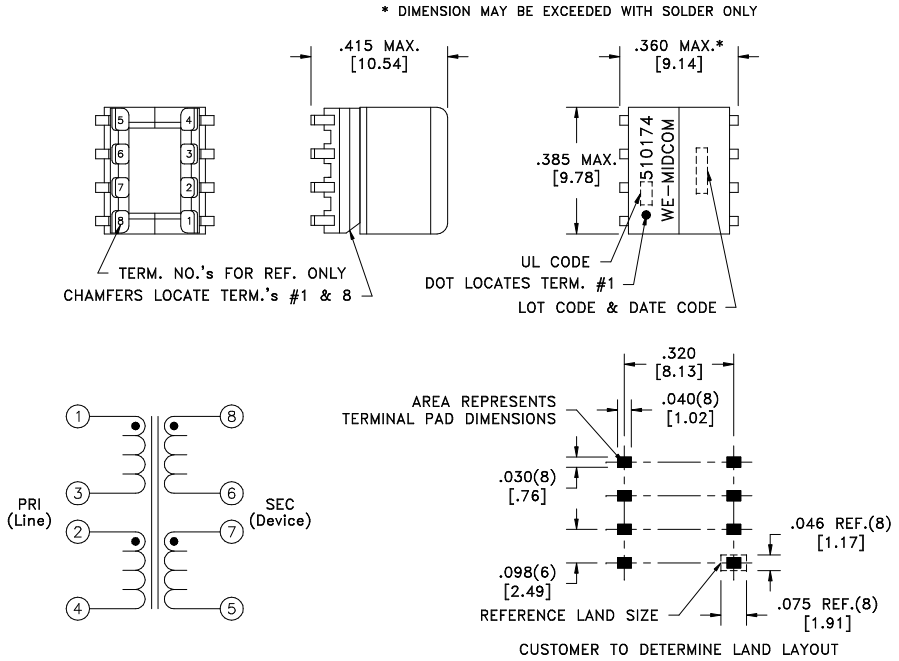
CUSTOMER TERMINAL	RoHS	LEAD(Pb)–FREE
Sn96%, Ag4%	Yes	Yes

more than you expect

Midcom

WÜRTH ELEKTRONIK



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	0.100 ohms max.
D.C. RESISTANCE	7–5	@20°C	0.100 ohms max.
INDUCTANCE	1–4	tie(2+3), 100kHz, 100mVAC, Ls	150uH ±10%
LEAKAGE INDUCTANCE	1–4	tie(2+3, 5+6+7+8), 1MHz, 100mVAC, Ls	0.9uH typ., 1.3uH max.
INTERWINDING CAPACITANCE	1–8	tie(1+2+3+4, 5+6+7+8), 25kHz, 100mVAC, Cs	35pF 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)	3.17:1, ±2%
TURNS RATIO		(1–3):(8–6)	3.17:1, ±2%
TOTAL HARMONIC DISTORTION		100kHz, 3.5Vrms across PRI, 10 ohm load, 100 ohm input, tie(2+3, 6+7)	–75dB max.
LONGITUDINAL BALANCE [1]		20k–2MHz	40dB min.
INSERTION LOSS		1MHz, 10 ohm load	0.5dB max.

[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
6C	1/10
6B	2/09
6A	12/08

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: 750510174

compliant RoHS

PART NO.
750510174

SPECIFICATION SHEET 1 OF 1