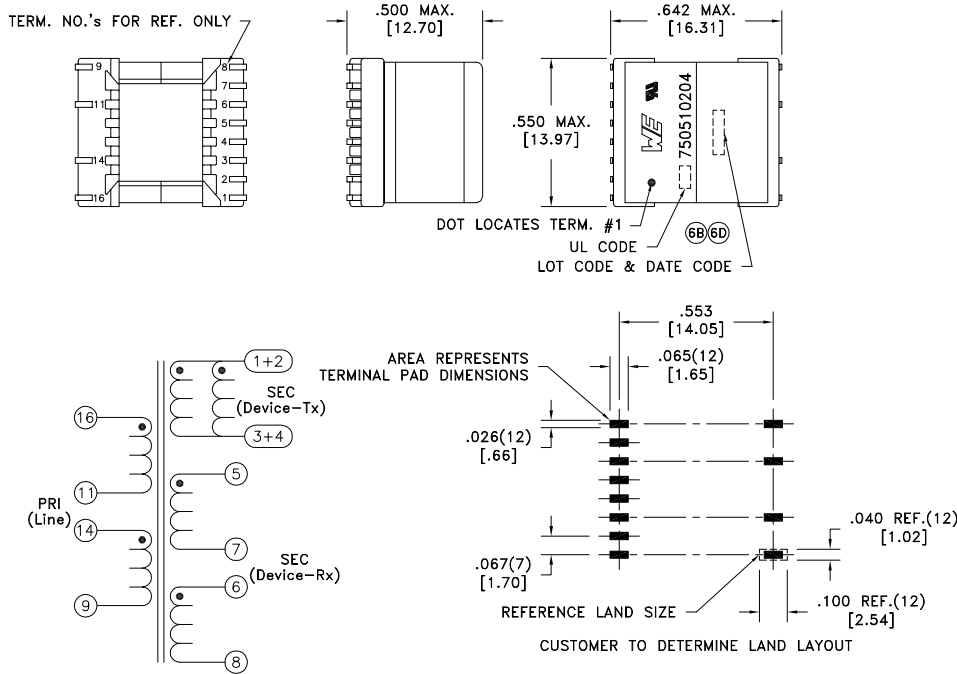


CUSTOMER TERMINAL	RoHS	LEAD(Pb)-FREE
Sn96%, Ag4%	Yes	Yes

more than you expect



ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:

PARAMETER	TEST CONDITIONS	VALUE	
D.C. RESISTANCE	16-9	tie(11+14), @20°C	3.00 ohms max.
D.C. RESISTANCE	1-4	tie(1+2, 3+4), @20°C	0.300 ohms max.
D.C. RESISTANCE	5-8	tie(6+7), @20°C	4.40 ohms max.
INDUCTANCE	16-9	tie(11+14), 10kHz, 100mVAC, Ls	400uH ±7%
LEAKAGE INDUCTANCE	16-9	tie(11+14, 1+2+3+4+5+6+7+8), 100kHz, 100mVAC, Ls	1.45uH max.
LEAKAGE INDUCTANCE	5-8	tie(6+7, 1+2+3+4, 9+11+14+16), 100kHz, 100mVAC, Ls	1.3uH max.
LEAKAGE INDUCTANCE	1-4	tie(1+2, 3+4, 5+6+7+8, 9+11+14+16), 100kHz, 50mVAC, Ls	120nH max.
INTERWINDING CAPACITANCE	16-1	tie(11+14, 1+2, 3+4), 100kHz, 100mVAC, Cs	60pF max.
INTERWINDING CAPACITANCE	16-5	tie(11+14, 6+7), 100kHz, 100mVAC, Cs	65pF max.
INTERWINDING CAPACITANCE	1-5	tie(1+2, 3+4, 6+7), 100kHz, 100mVAC, Cs	70pF max.
DIELECTRIC	16-1	tie(11+14, 2+3, 4+5, 6+7), 1875VAC, 1 second	1500VAC, 1 minute
TURNS RATIO		(16-9):(1-4), tie(11+14, 1+2, 3+4)	4.25:1, ±3%
TURNS RATIO		(16-9):(5-8), tie(11+14, 6+7)	1:1, ±2%
TOTAL HARMONIC DISTORTION		30kHz, Vgen of 3Vrms, 5.6 ohm load, 100 ohm input, tie(11+14, 1+2, 3+4)	-85dB max.
LONGITUDINAL BALANCE ¹		100k - 2.2MHz	40dB min.

¹Per 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.

Wire insulation & RoHS status not affected by wire color.
 Wire insulation color may vary depending on availability.

DETAILS SUBJECT TO CHANGE



AGENCY NUMBER	
UL CODE FILE# E205930	AE

REV.	DATE	Packaging Specifications	CONVENTION PLACEMENT
6D	3/17	Method: Tape & Reel	
6C	9/14	PKG-0739	
6B	3/11	www.we-online.com/midcom	
6A	2/11	SEE REVISION SHEET FOR REVISION LEVEL	

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	PART NO.
TRANSFORMER	750510204
eiSos p/n: 750510204	compliant RoHS

SPECIFICATION SHEET 1 OF 1	
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