

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	2-7	tie(1+8), @20°C	3.00 ohms max.
D.C. RESISTANCE	4-5	tie(3+6), @20°C	1.50 ohms max.
INDUCTANCE	2-7	tie(1+8), 10kHz, 100mVAC, Ls	470uH ±10%
LEAKAGE INDUCTANCE	2-7	tie(1+8, 3+6, 4+5), 1MHz, 100mVAC, Ls	0.6 - 1.15uH
INTERWINDING CAPACITANCE	2-4	tie(2+7, 1+8, 4+5, 3+6), 100kHz, 100mVAC, Cs	100pF max.
INTERWINDING CAPACITANCE	2-7	tie(2+8, 1+7, 3+6, 4+5), 100kHz, 100mVAC, Cs	75pF max.
INTERWINDING CAPACITANCE	4-5	tie(4+6, 3+5, 1+8, 2+7), 100kHz, 100mVAC, Cs	75pF max.
DIELECTRIC	2-3	tie(1+8, 3+6), 1875VAC, 1 second	1500VAC, 1 minute
TURNS RATIO		(2-7):(4-5), tie(1+8, 3+6)	1.4:1, ±1%
TOTAL HARMONIC DISTORTION		25kHz, 2Vrms across PRI, 51 ohm load, 100 ohm input, tie(1+8, 3+6)	-75dB max.
LONGITUDINAL CONVERSION LOSS ¹		25k-12MHz	41dB min.
LONGITUDINAL CONVERSION LOSS ¹		30MHz	33dB min.

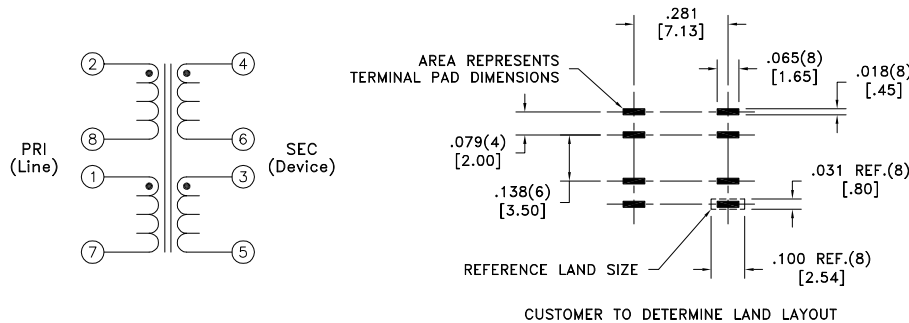
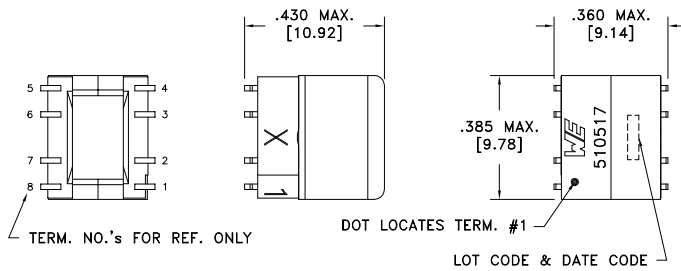
¹Per ITU G.993.2 requirements + 3dB.

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:
 - Functional insulation for a primary circuit at a working voltage of 250Vrms.

6B



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

REV.	DATE	Packaging Specifications Method: Tape & Reel PKG-0591 www.we-online.com/midcom		Tolerances unless otherwise specified: Angles: ±1° Fractions: ±1/64 Decimals: ±.005 [.13] Footprint: ±.005 [.13]	DRAWING TITLE TRANSFORMER	PART NO. 750510517
6B	1/17			This drawing is dual dimensioned. Dimensions in brackets are in millimeters.	eiSos p/n: 750510517	
6A	8/13	SEE REVISION SHEET FOR REVISION LEVEL				SPECIFICATION SHEET 1 OF 1

