

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

more than you expect



Midcom

ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:

PARAMETER	TEST CONDITIONS	VALUE
D.C. RESISTANCE	1-4 tie(2+3), @20°C	1.50 ohms max.
D.C. RESISTANCE	8-5 tie(6+7), @20°C	1.50 ohms max.
INDUCTANCE	1-4 tie(2+3), 100kHz, 100mVAC, Ls	400uH ±10%
LEAKAGE INDUCTANCE	1-4 tie(2+3, 5+6+7+8), 100kHz, 100mVAC, Ls	850nH max.
INTERWINDING CAPACITANCE	1-8 tie(1+2+3+4, 5+6+7+8), 10kHz, 100mVAC, Cp	50pF max.
DIELECTRIC	1-8 tie(2+3, 6+7), 1875VAC, 1 second	1500VAC, 1 minute
URNS RATIO	(1-4):(8-5), tie(2+3, 6+7)	1:1, ±2%
URNS RATIO	(1-3):(8-6)	1:1, ±2%
TOTAL HARMONIC DISTORTION	50kHz, 3.5Vrms across PRI, 100 ohm load, 100 ohm input, tie(2+3, 6+7)	-70dB max.
INSERTION LOSS	1MHz, 100 ohm load	0.5dB max.

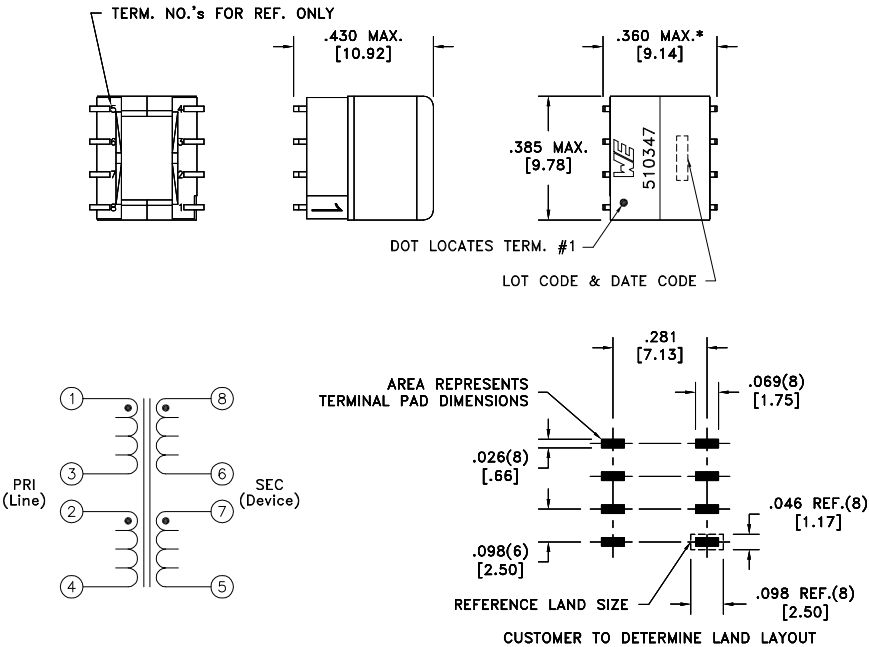
GENERAL SPECIFICATIONS:

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

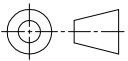
Designed to meet K.21, 6kV (10x700usec) surge test.

* DIMENSION MAY BE EXCEEDED WITH SOLDER ONLY



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

DETAILS SUBJECT TO CHANGE

REV.	DATE	Packaging Specifications Method: Tape & Reel PKG-0591 www.we-online.com/midcom	 CONVENTION PLACEMENT	Tolerances unless otherwise specified: Angles: ±1° Fractions: ±1/64 Decimals: ±.005 [.13] Footprint: ±.005 [.13]	DRAWING TITLE TRANSFORMER	PART NO. 750510347
6A	6/12	SEE REVISION SHEET FOR REVISION LEVEL		This drawing is dual dimensioned. Dimensions in brackets are in millimeters.	eiSos p/n: 750510347	SPECIFICATION SHEET 1 OF 1



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