

Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Wurth Electronics Midcom](#)
[750510174](#)

For any questions, you can email us directly:

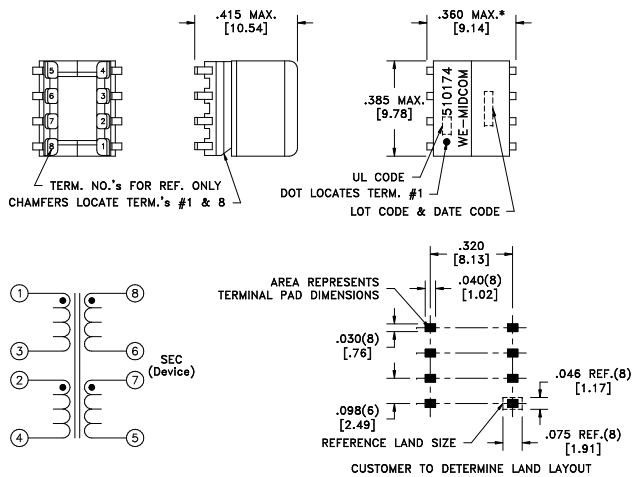
sales@integrated-circuit.com

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

more than you expect



* 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	0.100 ohms max.
D.C. RESISTANCE	7-5 @20°C	0.100 ohms max.
INDUCTANCE	1-4 tie(2+3), 100kHz, 100mVAC, L _s	150uH ±10%
LEAKAGE INDUCTANCE	1-4 tie(2+3, 5+6+7+8), 1MHz, 100mVAC, L _s	0.9uH typ., 1.3uH max.
INTERWINDING CAPACITANCE	1-8 tie(1+2+3+4, 5+6+7+8), 25kHz, 100mVAC, C _s	35pF 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)	3.17:1, ±2%
URNS 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.

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.

DETAILS SUBJECT TO CHANGE

AGENCY NUMBER
UL CODE FILE# E205930
BC

REV.	DATE	Packaging Specifications Method: Tape & Reel PKG-0410 www.midcom-inc.com	CONVENTION PLACEMENT	Tolerances unless otherwise specified: Angles: ±1° Decimals: ±.005 [.13] Fractions: ±1/64 Footprint: ±.005 [.13]	DRAWING TITLE TRANSFORMER eiSos p/n: 750510174	PART NO. 750510174 SPECIFICATION SHEET 1 OF 1
6C	1/10					
6B	2/09					
6A	12/08	SEE REVISION SHEET FOR REVISION LEVEL		This drawing is dual dimensioned. Dimensions in brackets are in millimeters.		

