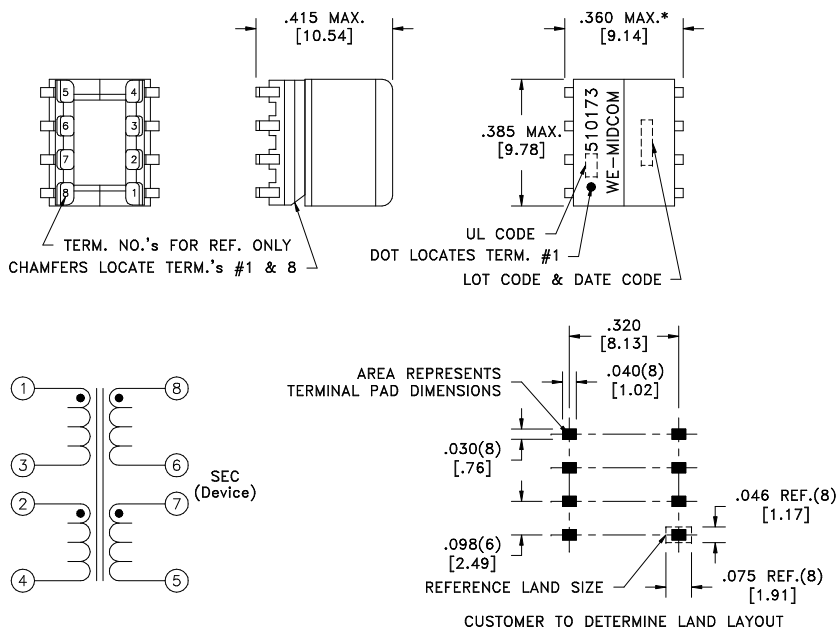


| | | |
|-------------------|------|---------------|
| CUSTOMER TERMINAL | RoHS | LEAD(Pb)-FREE |
| Sn96%, Ag4% | Yes | Yes |

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 | 1.00 ohms max. |
| D.C. RESISTANCE | 2-4 @20°C | 1.00 ohms max. |
| D.C. RESISTANCE | 8-6 @20°C | 0.500 ohms max. |
| D.C. RESISTANCE | 7-5 @20°C | 0.500 ohms max. |
| INDUCTANCE | 1-4 tie(2+3), 100kHz, 100mVAC, L _s | 220uH ±10% |
| LEAKAGE INDUCTANCE | 1-4 tie(2+3, 5+6+7+8), 100kHz, 100mVAC, L _s | 1.0uH max. |
| INTERWINDING CAPACITANCE | 1-8 tie(1+2+3+4, 5+6+7+8), 25kHz, 100mVAC, C _s | 40pF 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) | 1:1, ±2% |
| TURNS RATIO | (1-3):(8-6) | 1:1, ±2% |
| TOTAL HARMONIC DISTORTION | 100kHz, 3.5Vrms across PRI, 100 ohm load, 100 ohm input, tie(2+3, 6+7) | -75dB max. |
| LONGITUDINAL BALANCE ¹ | 20k-2MHz | 50dB min. |
| INSERTION LOSS | 1MHz, 100 ohm load | 0.5dB max. |

¹Per ITU Method (L->M)

GENERAL SPECIFICATIONS:

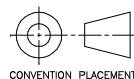
OPERATING TEMPERATURE RANGE: -40°C to +85°C.

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 |
|------|-------|---|
| 6A | 12/08 | 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 TRANSFORMER |
| eiSos p/n: 750510173 |



| |
|------------------------------|
| PART NO. 750510173 |
| SPECIFICATION SHEET 1 OF 1 |