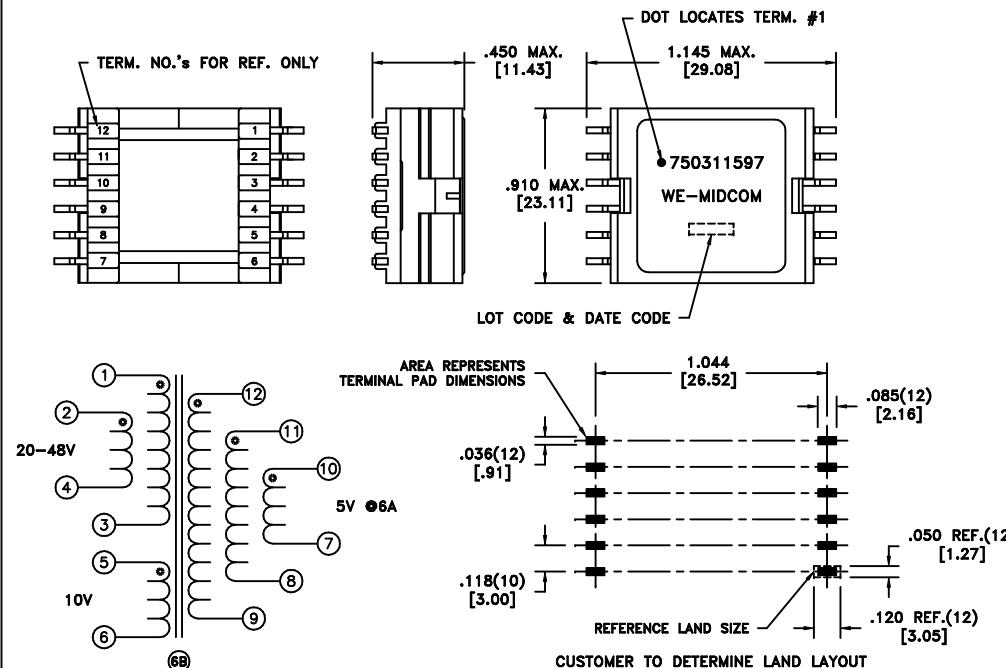


|                   |      |               |
|-------------------|------|---------------|
| CUSTOMER TERMINAL | RoHS | LEAD(Pb)-FREE |
| Sn96%, Ag4%       | Yes  | Yes           |

more than you expect



Midcom



Application of the transformer allows for the following groups of wires to solder bridge:  
1&2, 3&4, 10&11&12 and 7&8&9.

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

### ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:

| PARAMETER          | TEST CONDITIONS                                       | VALUE             |
|--------------------|---|-------------------|
| D.C. RESISTANCE    | 1-3 tie(1+2, 3+4), @20°C                              | 0.020 ohms max.   |
| D.C. RESISTANCE    | 7-12 tie(7+8+9, 10+11+12), @20°C                      | 0.004 ohms max.   |
| D.C. RESISTANCE    | 5-6 @20°C   | 0.055 ohms max.   |
| INDUCTANCE         | 1-3 tie(1+2, 3+4), 150kHz, 100mVAC, Ls                | 6.0uH ±10%        |
| SATURATION CURRENT | 20% rolloff from initial                              | 9.50A             |
| LEAKAGE INDUCTANCE | 1-3 tie(1+2, 3+4, 7+8+9+10+11+12), 150kHz, 10mVAC, Ls | 300nH typ.        |
| DIELECTRIC         | 1-12 tie(3+4+5, 7+8+9), 1875VAC, 1 second             | 1500VAC, 1 minute |
| TURNS RATIO        | (1-3):(12-9)  | 3:1, ±2%          |
| TURNS RATIO        | (1-3):(11-8)  | 3:1, ±2%          |
| TURNS RATIO        | (1-3):(10-7)  | 3:1, ±2%          |
| TURNS RATIO        | (1-3):(5-6)   | 1.5:1, ±1%        |
| TURNS RATIO        | (1-3):(2-4)   | 1:1, ±1%          |

### GENERAL SPECIFICATIONS:

OPERATING TEMPERATURE RANGE: -40°C to +125°C.

|      |       |   |  |  |
|------|-------|---|--|--|
| REV. | DATE  | Packaging Specifications<br>Method: Tape & Reel<br>PKG-0647<br>www.we-online.com/midcom |  | Tolerances unless otherwise specified:<br>Angles: ±1° Decimals: ±.005 [.13]<br>Fractions: ±1/64 Footprint: ±.005 [.13] |
| 6B   | 2/11  | SEE REVISION SHEET FOR REVISION LEVEL   |  | This drawing is dual dimensioned. Dimensions in brackets are in millimeters.   |
| 6A   | 11/10 |   |  |  |

DRAWING TITLE  
TRANSFORMER

eSos p/n: 750311597



PART NO.  
750311597

SPECIFICATION SHEET 1 OF 1

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