

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

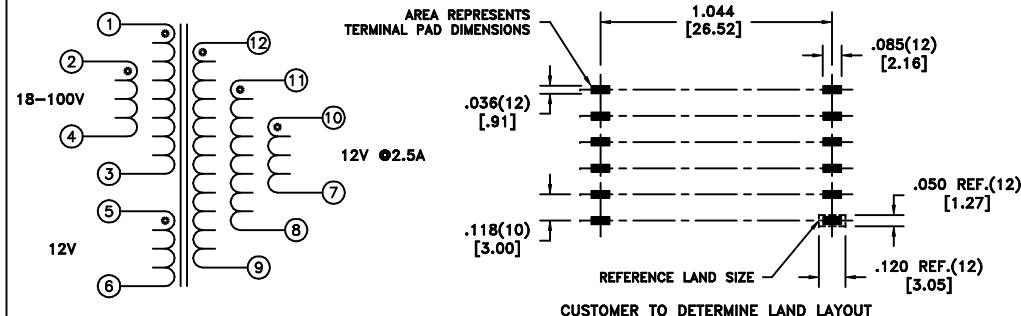
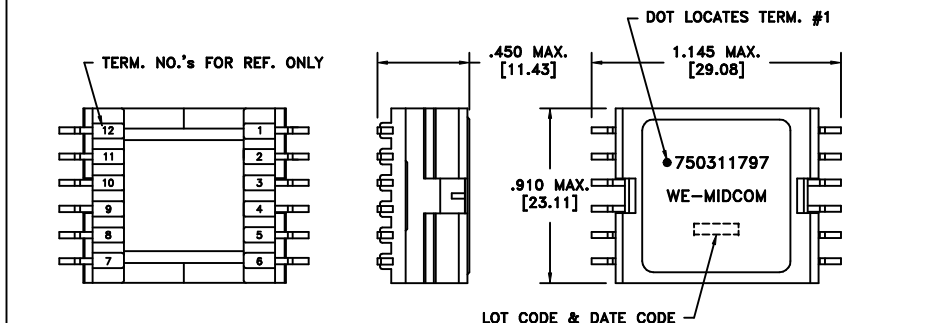
more than you expect



Midcom

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

| PARAMETER          | TEST CONDITIONS                                  | VALUE             |
|--------------------|--------------------------------------------------|-------------------|
| D.C. RESISTANCE    | 1-3 tie(1+2, 3+4), @20°C                         | 0.055 ohms max.   |
| D.C. RESISTANCE    | 7-12 tie(7+8+9, 10+11+12), @20°C                 | 0.012 ohms max.   |
| D.C. RESISTANCE    | 5-6 @20°C                                        | 0.070 ohms max.   |
| INDUCTANCE         | 1-3 tie(1+2, 3+4), 150kHz, 100mVAC, Ls           | 14uH ±10%         |
| SATURATION CURRENT | 20% rolloff from initial                         | 11.5A             |
| LEAKAGE INDUCTANCE | 1-3 tie(1+2, 3+4, 7 thru 12), 100kHz, 50mVAC, Ls | 210nH typ.        |
| DIELECTRIC         | 1-12 tie(1+2, 10+11+12), 5000VAC, 1 second       | 4000VAC, 1 minute |
| URNS RATIO         | (1-3):(12-9)                                     | 2.5:1, ±1%        |
| URNS RATIO         | (1-3):(11-8)                                     | 2.5:1, ±1%        |
| URNS RATIO         | (1-3):(10-7)                                     | 2.5:1, ±1%        |
| URNS RATIO         | (1-3):(5-6)                                      | 2.5:1, ±1%        |
| URNS RATIO         | (1-3):(2-4)                                      | 1:1, ±1%          |



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.

## **GENERAL SPECIFICATIONS:**

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

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

| REV. | DATE  | Packaging Specifications                                    | CONVENTION PLACEMENT | Tolerances unless otherwise specified:                                             | DRAWING TITLE        | PART NO.                   |
|------|-------|-------------------------------------------------------------|----------------------|------------------------------------------------------------------------------------|----------------------|----------------------------|
|      |       | Method: Tape & Reel<br>PKG-0647<br>www.we-online.com/midcom |                      | Angles: ±1°<br>Fractions: ±1/64<br>Decimals: ±.005 [.13]<br>Footprint: ±.005 [.13] | TRANSFORMER          | 750311797                  |
| 6B   | 2/11  |                                                             |                      | This drawing is dual dimensioned. Dimensions in brackets are in millimeters.       | eiSos p/n: 750311797 |                            |
| 6A   | 10/10 | SEE REVISION SHEET FOR                                      | REVISION LEVEL       |                                                                                    |                      | SPECIFICATION SHEET 1 OF 1 |

