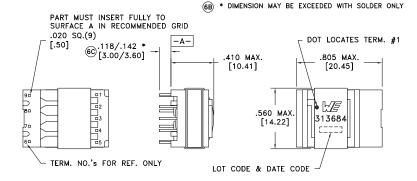
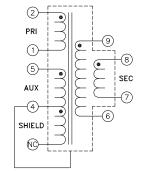
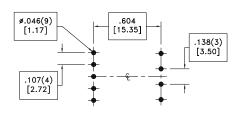
| CUSTOMER TERMINAL | RoHS | LEAD(Pb)-FREE |
|-------------------|------|---------------|
| Sn96%, Ag4%       | Yes  | Yes           |







RECOMMENDED
P.C. PATTERN, COMPONENT SIDE

Customer to tie terminals 6+7 and 8+9 internally on PCB.

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

| PARAMETER          |     | TEST CONDITIONS                           | VALUE                |
|--------------------|-----|---|----------------------|
| D.C. RESISTANCE    | 1-2 | @20°C                                     | 2.60 ohms ±10%       |
| D.C. RESISTANCE    | 4-5 | @20°C                                     | 0.400 ohms ±10%      |
| D.C. RESISTANCE    | 6-9 | tie(6+7, 8+9), @20°C                      | 0.015 ohms max.      |
| INDUCTANCE         | 1-2 | 10kHz, 100mVAC, Ls                        | 950uH ±10%           |
| SATURATION CURRENT |     | 20% rolloff from initial                  | 475mA                |
| LEAKAGE INDUCTANCE | 1-2 | tie(4+5, 6+7+8+9),<br>100kHz, 100mVAC, Ls | 13uH typ., 25uH max. |
| DIELECTRIC         | 1-9 | tie(2+4, 6+7),<br>4500VAC, 1 second       | 4500VAC, 1 minute    |
| DIELECTRIC         | 1-5 | 625VAC, 1 second                          | 500VAC, 1 minute     |
| TURNS RATIO        |     | (2-1):(5-4)                               | 5:1, ±1%             |
| TURNS RATIO        |     | (2-1):(9-6), tie(6+7, 8+9)                | 20:1, ±1%            |

## GENERAL SPECIFICATIONS:

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

Designed to comply with the following requirements as defined by IEC61558-2-16: - Reinforced insulation for a primary circuit at a working voltage of 400VDC.

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

| 1,211 | 5/112 | Method: Tray                                  |
|-------|-------|---|
| 6C    | 7/23  | PKG-0730                                      |
| 6B    | 2/17  | www.we-online.com/midcom CONVENTION PLACEMENT |
| 6A    | 3/14  | SEE REVISION SHEET FOR REVISION LEVEL         |

REV. DATE Packaging Specifications

Tolerances unless otherwise specified: Angles: ±1° Decimals: ±.005 [.13] Footprint: ±.001 [.03] Fractions: ±1/64

This drawing is dual dimensioned. Dimensions in brackets are in millimeters.

DRAWING TITLE

## **TRANSFORMER**

eiSos p/n: 750313684

PART NO.

750313684

SPECIFICATION SHEET 1 OF 1