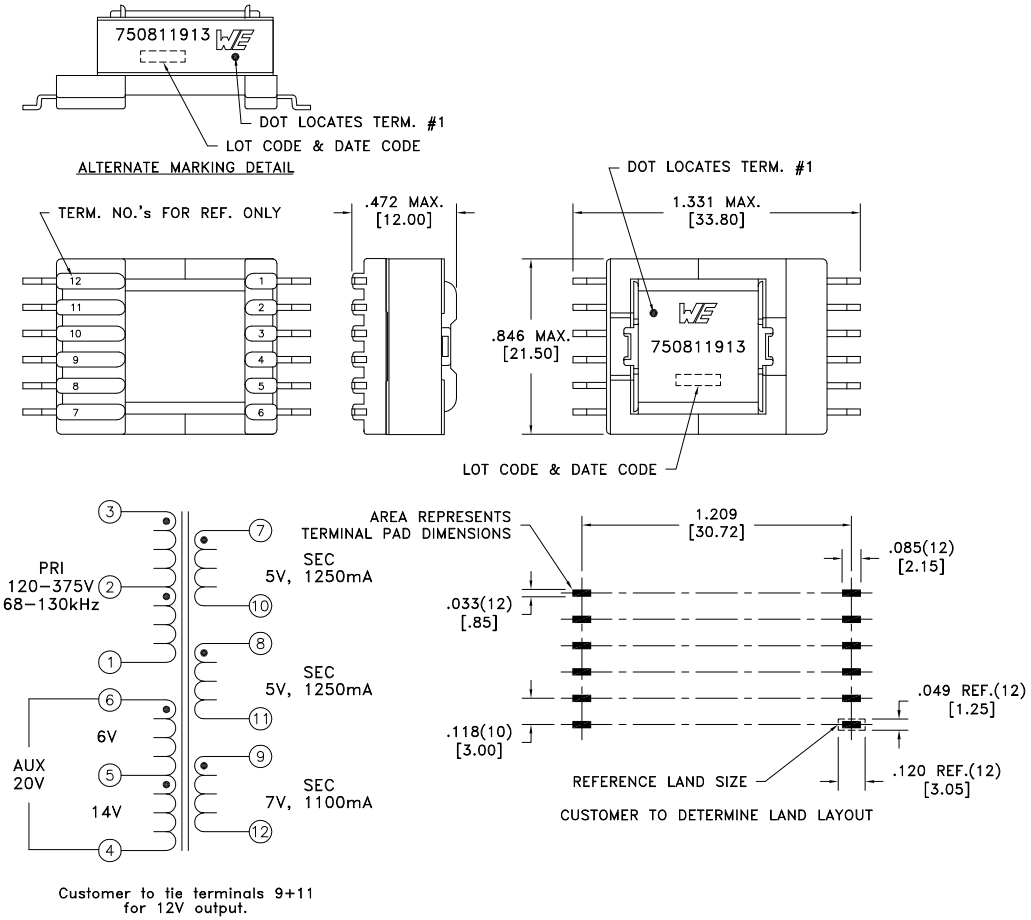
| CUSTOMER TERMINAL | RoHS | LEAD(Pb)−FREE |
|---|---|---|
| Sn96%, Ag4% | Yes | Yes |

more than you expect

Midcom

WÜRTH ELEKTRONIK




Customer to tie terminals 9+11
for 12V output.

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

| PARAMETER | | TEST CONDITIONS | VALUE |
|---|---|---|---|
| D.C. RESISTANCE | 1−3 | @20°C | 1.540 ohms ±10% |
| D.C. RESISTANCE | 4−5 | @20°C | 0.244 ohms ±10% |
| D.C. RESISTANCE | 5−6 | @20°C | 0.115 ohms ±10% |
| D.C. RESISTANCE | 7−10 | @20°C | 0.027 ohms ±20% |
| D.C. RESISTANCE | 8−11 | @20°C | 0.027 ohms ±20% |
| D.C. RESISTANCE | 9−12 | @20°C | 0.037 ohms ±20% |
| INDUCTANCE | 1−3 | 10kHz, 100mVAC, Ls | 800uH ±10% |
| SATURATION CURRENT | | 20% rolloff from initial | 1.4A |
| LEAKAGE INDUCTANCE | 1−3 | tie(4+5+6, 8+10+9+12), 100kHz, 100mVAC, Ls | 20uH typ., 30uH max. |
| DIELECTRIC | 1−12 | tie(3+4, 7+8+9), 4500VAC, 1 second | 4500VAC, 1 minute |
| DIELECTRIC | 1−6 | 625VAC, 1 second | 500VAC, 1 minute |
| TURNS RATIO | | (2−1):(3−2) | 1:1, ±1% |
| TURNS RATIO | | (3−1):(8−11) | 20:1, ±1% |
| TURNS RATIO | | (3−1):(7−10) | 20:1, ±1% |
| TURNS RATIO | | (3−1):(9−12) | 14.28:1, ±1% |
| TURNS RATIO | | (3−1):(6−5) | 16.66:1, ±1% |
| TURNS RATIO | | (3−1):(5−4) | 7.69:1, ±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.

| REV. | DATE |
|---|---|
| | |
| | |
| | |
| 6A | 6/13 |

Packaging Specifications
Method: Tape & Reel
PKG−0927
www.we−online.com/midcom
SEE REVISION SHEET FOR REVISION LEVEL

CONVENTION PLACEMENT

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: 750811913

PART NO.
**750811913**
compliant RoHS
SPECIFICATION SHEET 1 OF 1