

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

more than you expect



ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:

| PARAMETER | TEST CONDITIONS | VALUE |
|-----------------|-------------------------|--------------------|
| D.C. RESISTANCE | 1-3 @20°C | 0.160 ohms max. |
| D.C. RESISTANCE | 6-4 @20°C | 0.110 ohms max. |
| INDUCTANCE | 1-3 100kHz, 10mVAC, Ls | 370uH min. |
| DIELECTRIC | 1-6 6250Vrms, 2 seconds | 5000Vrms, 1 minute |
| URNS RATIO | (1-3):(6-4) | 1.3:1, ±2% |

GENERAL SPECIFICATIONS:

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

CURRENT RATING: 1A

VOLTAGE-TIME: 20VuS for Unipolar operation
40VuS for Bipolar operation

SWITCHING FREQUENCY: 150kHz min.

11mm min. creepage and clearance between PRI & SEC.

COPLANARITY: All 6 terminals must lie on a plane within .004 [.10] of Surface A after lead tinning.

Designed to comply with the following requirements as defined by IEC60601-1(ed): Amendment 1:
- Providing two means of Patient Protection up to a working voltage of 360VAC.

Complies with the following requirements as defined by IEC60950-1, EN60950-1, UL60950-1/CSA60950-1 and AS/NZS60950.1:
- Reinforced insulation for a primary circuit at a working voltage of 550VAC, Overvoltage Category II, Pollution Degree 2, up to 2km above sea level.

Designed to comply with the following requirements as defined by IEC60664-1:
- Reinforced insulation for a primary circuit at a working voltage of 400VAC, up to 2km above sea level.

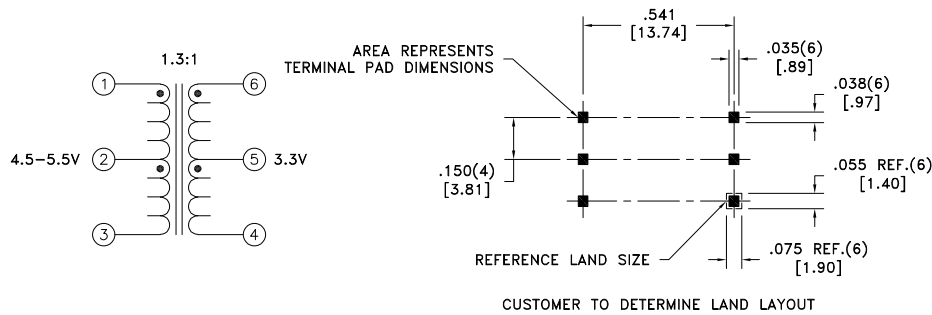
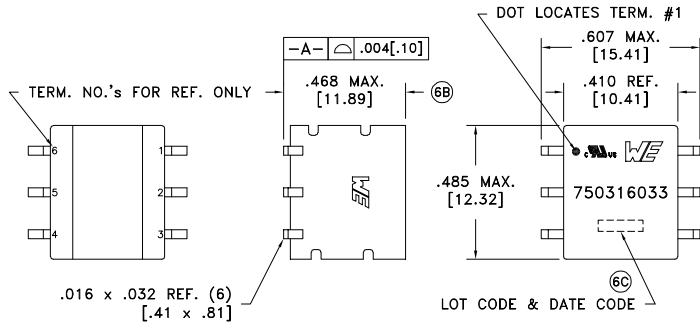
Designed to comply with the following requirements as defined by IEC61010-1:
- Reinforced insulation for a Line to neutral voltage up to 1000Vrms, Overvoltage Category II, up to 2km above sea level.
- Reinforced insulation for a Line to neutral voltage up to 600Vrms, Overvoltage Category II, up to 5km above sea level.
- Reinforced insulation for a Line to neutral voltage up to 300Vrms, Overvoltage Category III, up to 5km above sea level.

Complies with the following requirements as defined by IEC62368-1, UL/CSA62368-1 and EN62368-1:
- Reinforced insulation for ES3, operating frequency above 30kHz, working voltage up to 550Vrms, 1600Vpeak, Overvoltage Category II, Pollution Degree II, and up to 2km above sea level.

Qualified to AEC-Q200.

6E6C

| AGENCY NUMBER | |
|-------------------------------------------|---------|
| UL60950-1 UL62368-1 | E205930 |
| IEC62368-1 EN62368-1 (Via CB cert.) | E205930 |
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Wire insulation & RoHS status not affected by wire color.
Wire insulation color may vary depending on availability.

DETAILS SUBJECT TO CHANGE

| REV. | DATE | Packaging Specifications |
|------|-------|---------------------------------------|
| 6F | 2/22 | Method: Tape & Reel |
| 6E | 9/21 | PKG-1055 |
| 6D | 12/19 | www.we-online.com/midcom |
| 6C | 5/17 | 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: 750316033



PART NO.

750316033

SPECIFICATION SHEET 1 OF 1