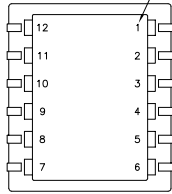


| | | |
|-------------------|------|---------------|
| CUSTOMER TERMINAL | RoHS | LEAD(Pb)-FREE |
| Sn100% | Yes | Yes |

more than you expect



TERM. NO.'s FOR REF. ONLY



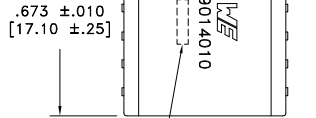
-A- .004 [.10]
12 SURFACES

.331 ±.010
[8.40 ±.25]

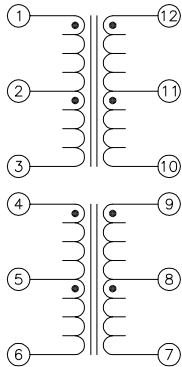


DOT & RECESS LOCATES TERM. #1

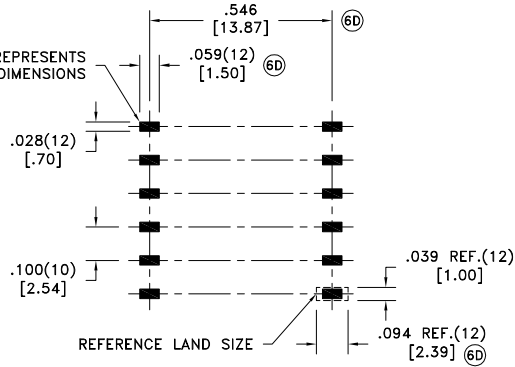
.604 ±.010
[15.34 ±.25] 6D
.581 ±.010
[14.75 ±.25]



LOT CODE & DATE CODE



AREA REPRESENTS
TERMINAL PAD DIMENSIONS



REFERENCE LAND SIZE
CUSTOMER TO DETERMINE LAND LAYOUT

ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:

| PARAMETER | TEST CONDITIONS | VALUE |
|--------------------------|--|--------------------|
| D.C. RESISTANCE | 1-3 @20°C | 0.9 ohms max. |
| D.C. RESISTANCE | 4-6 @20°C | 0.9 ohms max. |
| INDUCTANCE | 1-3 100kHz, 100mVAC, 8mADC, Lp | 350uH min. |
| INDUCTANCE | 4-6 100kHz, 100mVAC, 8mADC, Lp | 350uH min. |
| LEAKAGE INDUCTANCE | 1-3 tie(12+10), 100kHz, 20mV, Ls | 0.8uH max. |
| LEAKAGE INDUCTANCE | 4-6 tie(9+7), 100kHz, 20mV, Ls | 0.8uH max. |
| INTERWINDING CAPACITANCE | 1-12 tie(1+3, 12+10), 100kHz, 20mVAC, Cs | 15pF max. |
| INTERWINDING CAPACITANCE | 4-9 tie(4+6, 9+7), 100kHz, 20mVAC, Cs | 15pF max. |
| DIELECTRIC | 1-12 tie(3+4, 10+9), 5000Vrms, 6 seconds | 4500Vrms, 1 minute |
| URNS RATIO | (1-3):(12-10) | 1:1, ±2% |
| URNS RATIO | (4-6):(9-7) | 1:1, ±2% |
| CROSSTALK | 1M - 100MHz | -40dB min. |

GENERAL SPECIFICATIONS:

OPERATING TEMPERATURE RANGE: 0°C to +70°C.

COPLANARITY: All 12 terminals must lie on a plane within .004 [.10] of Surface A after lead tinning.

- 6D Designed to comply 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 250Vrms.
- 6D Designed to comply with the 8.6mm min. creepage and 7.0mm min. clearance as defined by IEC60601-1; 2006.
 - Providing two means of patient protection up to a working voltage of 250Vrms.

| REV. | DATE | Packaging Specifications |
|------|-------|---------------------------------------|
| 6E | 12/15 | Method: Tape & Reel |
| 6D | 6/15 | PKG-0645 |
| 6C | 12/08 | www.we-online.com/midcom |
| 6B | 8/08 | 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 | PART NO. |
| TRANSFORMER | 749014010 |
| eiSos p/n: 749014010 | SPECIFICATION SHEET 1 OF 1 |

