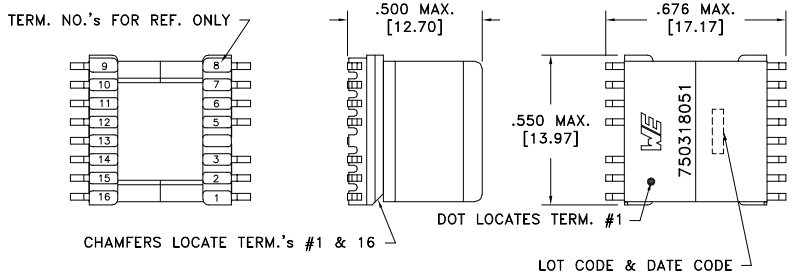
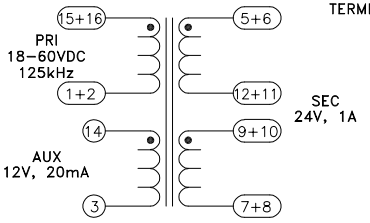
| CUSTOMER TERMINAL | RoHS | LEAD(Pb)−FREE |
|---|---|---|
| Sn96%, Ag4% | Yes | Yes |



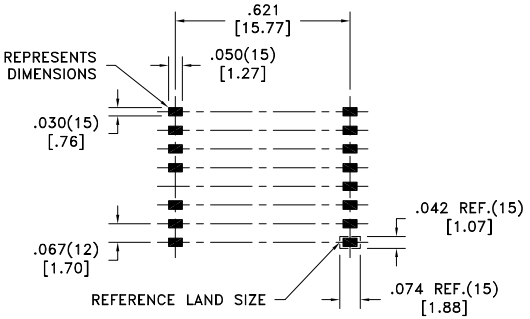
WÜRTH ELEKTRONIK




Customer to tie terminals 1+2, 5+6, 7+8, 9+10+11+12, and 15+16 on PC board.

Application of the transformer allows for the leadwires between terminals 1&2, 5&6 7&8, 9&10&11&12 and 15&16 to solder bridge.




CUSTOMER TO DETERMINE LAND LAYOUT

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

| PARAMETER | | TEST CONDITIONS | VALUE |
|---|---|---|---|
| D.C. RESISTANCE | 1−16 | tie(1+2, 15+16), @20°C | 0.023 ohms ±20% |
| D.C. RESISTANCE | 5−8 | tie(5+6, 7+8, 9+10+11+12), @20°C | 0.125 ohms ±10% |
| D.C. RESISTANCE | 3−14 | @20°C | 0.230 ohms ±10% |
| INDUCTANCE | 1−16 | tie(1+2, 15+16), 100kHz, 100mVAC, Ls | 6.80uH ±10% |
| SATURATION CURRENT | 1−16 | tie(1+2, 15+16), 20% rolloff from initial | 11A |
| LEAKAGE INDUCTANCE | 1−16 | tie(1+2, 3+14, 5+6+7+8+ 9+10+11+12, 15+16), 100kHz, 10mVAC, Ls | 100nH typ., 250nH max. |
| DIELECTRIC | 8−16 | tie(1+2+3, 9+10+11+12), 1500VAC, 1 second | 1500VAC, 1 minute |
| DIELECTRIC | 1−3 | tie(15+16), 625VAC, 1 second | − |
| TURNS RATIO | | (14−3):(16−1) | 1:1, ±1% |
| TURNS RATIO | | (5−8):(16−1), tie(1+2, 5+6, 7+8, 9+10+11+12, 15+16) | 2:1, ±1% |

GENERAL SPECIFICATIONS:

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

Designed to comply with the following requirements as defined by IEC60950−1, EN60950−1, UL60950−1/CSA60950−1 and AS/NZS60950.1:
- Functional insulation for a secondary circuit at a working voltage of 265Vrms, 400Vpeak, Overvoltage Category II.
  Verified by the electric strength test as defined in Clause 5.3.4.

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

| REV. | DATE |
|---|---|
| | |
| | |
| 6A | 11/19 |

Packaging Specifications
Method: Tape & Reel
PKG−0325
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: 750318051

compliant RoHS

PART NO.
**750318051**
SPECIFICATION SHEET 1 OF 1