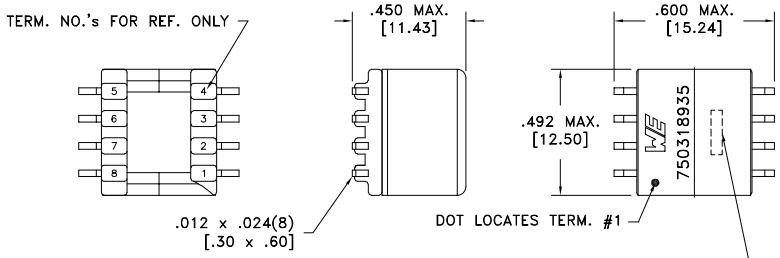
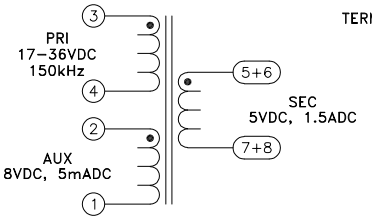
| CUSTOMER TERMINAL | RoHS | LEAD(Pb)−FREE |
|---|---|---|
| Sn96%, Ag4% | Yes | Yes |



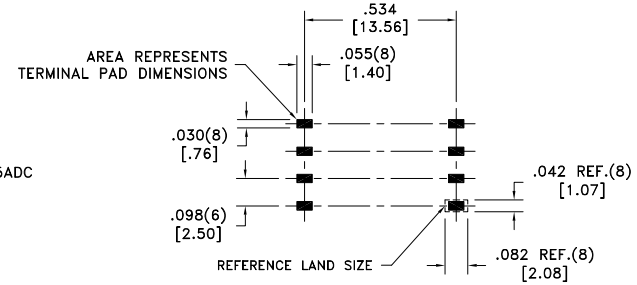
WÜRTH ELEKTRONIK




Customer to tie terminals 5+6 and 7+8 on PC board.

Application of the transformer allows for the leadwires between terminals 5&6 and 7&8 to solder bridge.




CUSTOMER TO DETERMINE LAND LAYOUT

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

| PARAMETER | | TEST CONDITIONS | VALUE |
|---|---|---|---|
| D.C. RESISTANCE | 3−4 | @20°C | 0.048 ohms ±20% |
| D.C. RESISTANCE | 2−1 | @20°C | 0.120 ohms ±10% |
| D.C. RESISTANCE | 5−8 | tie(5+6, 7+8), @20°C | 0.014 ohms max. |
| INDUCTANCE | 3−4 | 150kHz, 100mVAC, Ls | 22.0uH ±10% |
| INDUCTANCE | 3−4 | 150kHz, 100mVAC, 2.5A, Ls | 18.0uH min. |
| SATURATION CURRENT | 3−4 | 20% rolloff from initial | 2.5A |
| LEAKAGE INDUCTANCE | 3−4 | tie(5+6+7+8), 100kHz, 10mVAC, Ls | 245nH typ., 400nH max. |
| RESONANT FREQUENCY | 3−4 | 100mV | 1.5MHz min. |
| DIELECTRIC | 1−8 | tie(2+4, 5+6), 1500VAC, 1 second | 1500VAC, 1 minute |
| DIELECTRIC | 1−Core | tie(2+4), 1500VAC, 1 second | 1500VAC, 1 minute |
| DIELECTRIC | 5−Core | tie(7+8), 1500VAC, 1 second | 1500VAC, 1 minute |
| TURNS RATIO | | (3−4):(5−8), tie(5+6, 7+8) | 3:1 |
| TURNS RATIO | | (2−1):(5−8), tie(5+6, 7+8) | 1.4:1 |

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, Pollution Degree 2.
  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 | Packaging Specifications | | Tolerances unless otherwise specified: | DRAWING TITLE | PART NO. |
|---|---|---|---|---|---|---|
| | | Method: Tape & Reel | CONVENTION PLACEMENT | Angles: ±1° Decimals: ±.005 [.13] | **TRANSFORMER** | **750318935** |
| | | PKG−0328 | | Fractions: ±1/64 Footprint: ±.005 [.13] | | |
| | | www.we−online.com/midcom | | This drawing is dual dimensioned. Dimensions in brackets are in millimeters. | eiSos p/n: 750318935 | SPECIFICATION SHEET 1 OF 1 |
| 6A | 6/21 | SEE REVISION SHEET FOR REVISION LEVEL | | | compliant RoHS | |