

Excellent Integrated System Limited

Stocking Distributor

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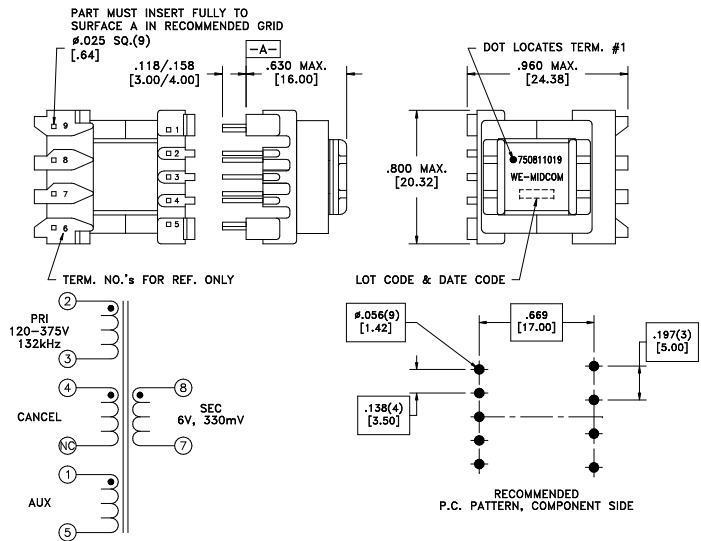
[Würth Electronics Midcom](#)
[750811019](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

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

more than you expect



ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:

| PARAMETER | TEST CONDITIONS | VALUE |
|--------------------|--|----------------------|
| D.C. RESISTANCE | 1-5 @20°C | 0.300 ohms ±10% |
| D.C. RESISTANCE | 2-3 @20°C | 3.35 ohms ±10% |
| D.C. RESISTANCE | 7-8 @20°C | 0.028 ohms ±20% |
| INDUCTANCE | 2-3 10kHz, 100mVAC, Ls | 2.70mH ±10% |
| SATURATION CURRENT | 20% rolloff from initial | 250mA |
| LEAKAGE INDUCTANCE | 2-3 tie(1+5, 7+8), 100kHz, 100mVAC, Ls | 12uH typ., 20uH max. |
| DIELECTRIC RATING | 1-8 4500VAC, 1 second | 4500VAC, 1 minute |
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| DIELECTRIC RATING | 1-2 625VAC, 1 second | 500VAC, 1 minute |
| URNS RATIO | (2-3):(1-5) | 4.32:1, ±1% |
| URNS RATIO | (2-3):(8-7) | 13.5:1, ±1% |

GENERAL SPECIFICATIONS:

Designed to comply with the following requirements as defined by IEC61558-2-17:
 - Reinforced insulation for a primary circuit at a working voltage of 400VDC.

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

| | | | | | | |
|------|------|--|--|---|-------------------------------------|------------------------------|
| REV. | DATE | Packaging Specifications Method: Tray PKG-005B www.midcom-inc.com | | Tolerances unless otherwise specified: Angles: ±1° Fractions: ±1/64 Decimals: ±.005 [.13] Footprint: ±.005 [.127] | DRAWING TITLE TRANSFORMER | PART NO. 750811019 |
| 6A | 3/09 | SEE REVISION SHEET FOR REVISION LEVEL | | This drawing is dual dimensioned. Dimensions in brackets are in millimeters. | eiSos p/n: 750811019 | SPECIFICATION SHEET 1 OF 1 |