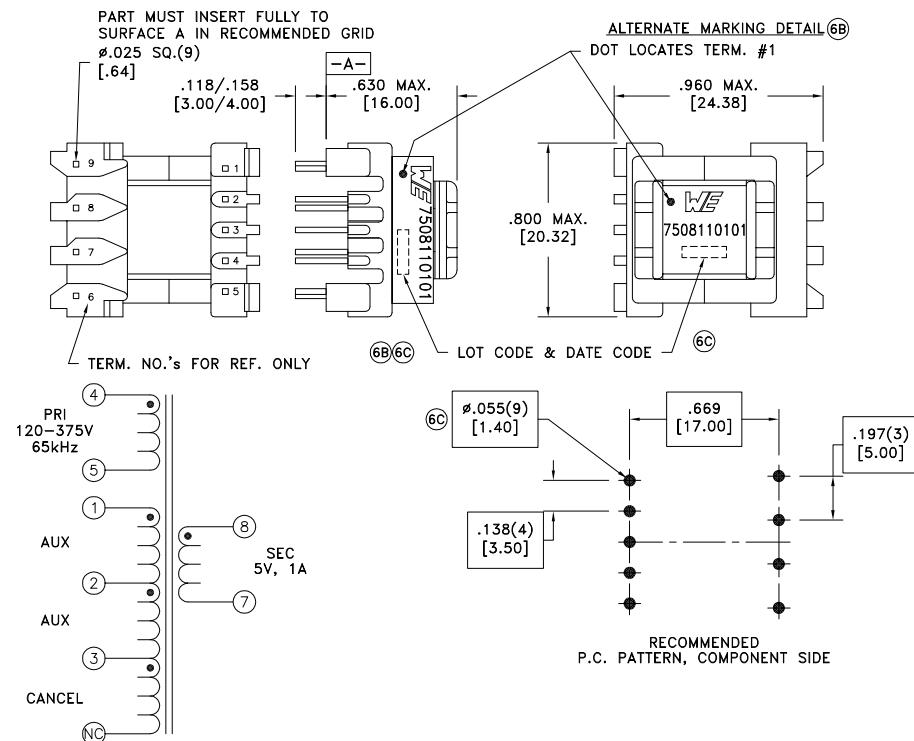


| | | |
|-------------------|------|---------------|
| CUSTOMER TERMINAL | RoHS | LEAD(Pb)-FREE |
| Sn96%, Ag4% | Yes | Yes |

more than you expect



Midcom



ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:

| PARAMETER | TEST CONDITIONS | VALUE |
|--------------------|--|----------------------|
| D.C. RESISTANCE | 1-2 @20°C | 0.118 ohms ±10% |
| D.C. RESISTANCE | 2-3 @20°C | 0.118 ohms ±10% |
| D.C. RESISTANCE | 4-5 @20°C | 2.05 ohms ±10% |
| D.C. RESISTANCE | 7-8 @20°C | 0.015 ohms ±20% |
| INDUCTANCE | 4-5 10kHz, 100mVAC, Ls | 1.07mH ±10% |
| SATURATION CURRENT | 20% rolloff from initial | 700mA |
| LEAKAGE INDUCTANCE | 4-5 tie(1+2+3, 7+8), 100kHz, 100mVAC, Ls | 25uH typ., 35uH max. |
| DIELECTRIC RATING | 2-8 4500VAC, 1 second | 4500VAC, 1 minute |
| DIELECTRIC RATING | 5-8 4500VAC, 1 second | 4500VAC, 1 minute |
| DIELECTRIC RATING | 2-5 625VAC, 1 second | 500VAC, 1 minute |
| TURNS RATIO | (4-5):(8-7) | 15:1, ±1% |
| TURNS RATIO | (4-5):(1-2) | 17.5:1, ±1% |
| TURNS RATIO | (4-5):(2-3) | 17.5:1, ±1% |

GENERAL SPECIFICATIONS:

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

Designed to comply with the following requirements as defined by IEC61558-2-16:
- Reinforced insulation for a primary circuit at a working voltage of 400VDC.

| | | | |
|------|------|---------------------------------------|----------------------|
| REV. | DATE | Packaging Specifications | CONVENTION PLACEMENT |
| | | Method: Tray (6B) | |
| 6C | 6/13 | PKG-0735 | |
| 6B | 8/11 | www.we-online.com/midcom | |
| 6A | 3/09 | SEE REVISION SHEET FOR REVISION LEVEL | |

Tolerances unless otherwise specified:
Angles: ±1° Decimals: ±.005 [.13]
Fractions: ±1/64 Footprint: ±.001 [.03]

This drawing is dual dimensioned. Dimensions in brackets are in millimeters.

DRAWING TITLE
TRANSFORMER

eiSos p/n: 7508110101

PART NO.

7508110101



SPECIFICATION SHEET 1 OF 1

Mouser Electronics

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