



ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:

| PARAMETER | | TEST CONDITIONS | VALUE | |
|--------------------|-------|---|---------------------------|--|
| D.C. RESISTANCE | 3-2 | @20°C | 0.85 ohms ±10% | |
| D.C. RESISTANCE | 2-1 | @20°C | 1.08 ohms $\pm 10\%$ | |
| D.C. RESISTANCE | 3-1 | @20°C | 1.91 ohms ±10% | |
| D.C. RESISTANCE | 6-4 | @20°C | 0.340 ohms ±10% | |
| D.C. RESISTANCE | 10-13 | @20°C | 0.120 ohms ±10% | |
| INDUCTANCE | 3-1 | 10kHz, 100mVAC, Ls | 2.12mH ±10% | |
| SATURATION CURRENT | | 20% rolloff from initial | 750mA | |
| LEAKAGE INDUCTANCE | 3-1 | tie(6+4, 10+13), 100kHz, 100mVAC, Ls | 18.0uH typ., 22.60uH max. | |
| DIELECTRIC | 1-13 | tie(3+4), 4500VAC, 1 second | 4500VAC, 1 minute | |
| TURNS RATIO | | (3-1):(2-1) | 1:1, ±1% | |
| TURNS RATIO | | (3-1):(6-4) | 7:1, ±1% | |
| TURNS RATIO | | (3-1):(10-13) | 5.384:1, ±1% | |

GENERAL SPECIFICATIONS:

OPERATING TEMPERATURE RANGE: -40°C to $+125^{\circ}\text{C}$ including temp rise.

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.

| CUSTOMER TERMINAL | RoHS | LEAD(Pb)-FREE | |
|--|----------------------------------|-----------------|---|
| Sn96%, Ag4% | Yes | Yes | |
| | 18/.158 5.00/4.00 EF. ONLY | * | DOT LOCATES TERM. #1 .984 MAX. [25.00] .874 MAX. [22.20] .874 MAX. |
| \020 SQ.(14 [.50] PART MUST SURFACE A | INSERT | FULLY TO | LOT CODE & DATE CODE |
| PRI 209-265V(2) | | | Ø.052(14) [1.32] [20.00] [2.49] |
| 65kHz | ——10 ——13 | SEC OV, 7.0W | [5.00] |
| (4)———————————————————————————————————— | | | RECOMMENDED P.C. PATTERN, COMPONENT SIDE |

Packaging Specifications REV. DATE Method: Tray PKG-0736 6C 5/11 www.we-online.com/midcom 2/11 SEE REVISION SHEET FOR REVISION LEVEL 5/10

CONVENTION PLACEMENT

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

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

DRAWING TITLE

eiSos p/n: **750815040**

TRANSFORMER

750815040

PART NO.

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