



ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:

PARAMETER		TEST CONDITIONS	VALUE
D.C. RESISTANCE	3-1	@20°C	0.746 ohms ±10%
D.C. RESISTANCE	6-5	@20°C	0.180 ohms ±10%
D.C. RESISTANCE	5-4	@20°C	0.368 ohms ±10%
D.C. RESISTANCE	7-10	@20°C	0.013 ohms max.
D.C. RESISTANCE	8-11	@20°C	0.021 ohms ±20%
INDUCTANCE	1-3	10kHz, 100mVAC, Ls	468uH ±10%
SATURATION CURRENT		20% rolloff from initial	2.5A
LEAKAGE INDUCTANCE	1-3	tie(4+5+6, 7+8+10+11), 100kHz, 100mVAC, Ls	6.42uH typ., 9.63uH max.
DIELECTRIC	1-11	tie(3+4, 8+10), 4500VAC, 1 second	4500VAC, 1 minute
DIELECTRIC	1-5	625VAC, 1 second	500VAC, 1 minute
TURNS RATIO		(3-2):(2-1)	1:1, ±1%
TURNS RATIO		(3-1):(6-5)	15:1, ±2%
TURNS RATIO		(3-1):(5-4)	7.5:1, ±1%
TURNS RATIO		(3-1):(7-10)	20:1, ±2%
TURNS RATIO		(3-1):(8-11)	8.57:1, ±1%
	D.C. RESISTANCE D.C. RESISTANCE D.C. RESISTANCE D.C. RESISTANCE D.C. RESISTANCE INDUCTANCE SATURATION CURRENT LEAKAGE INDUCTANCE DIELECTRIC DIELECTRIC TURNS RATIO TURNS RATIO TURNS RATIO TURNS RATIO	D.C. RESISTANCE 3-1 D.C. RESISTANCE 6-5 D.C. RESISTANCE 5-4 D.C. RESISTANCE 7-10 D.C. RESISTANCE 8-11 INDUCTANCE 1-3 SATURATION CURRENT LEAKAGE INDUCTANCE 1-3 DIELECTRIC 1-11 DIELECTRIC 1-5 TURNS RATIO TURNS RATIO TURNS RATIO TURNS RATIO	D.C. RESISTANCE 3-1 @20°C D.C. RESISTANCE 6-5 @20°C D.C. RESISTANCE 5-4 @20°C D.C. RESISTANCE 7-10 @20°C D.C. RESISTANCE 8-11 @20°C INDUCTANCE 1-3 10kHz, 100mVAC, Ls SATURATION CURRENT 20% rolloff from initial LEAKAGE INDUCTANCE 1-3 tie(4+5+6, 7+8+10+11), 100kHz, 100mVAC, Ls DIELECTRIC 1-11 tie(3+4, 8+10), 4500VAC, 1 second DIELECTRIC 1-5 625VAC, 1 second TURNS RATIO (3-2):(2-1) TURNS RATIO (3-1):(6-5) TURNS RATIO (3-1):(5-4) TURNS RATIO (3-1):(7-10)

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.

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

REV.	DATE	Packaging Specifications
		Method: Tray
6C	7/19	PKG-0924
6B	6/19	www.we-online.com/midcom convention placement
6A	10/13	SEE REVISION SHEET FOR REVISION LEVEL

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

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

DRAWING TITLE

TRANSFORMER

eiSos p/n: 750811616

PART NO.

750811616

ROHS SPECIFICATION SHEET 1 OF 1

