



ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:

PARAMETER		TEST CONDITIONS	VALUE
D.C. RESISTANCE	6-5	@20°C	0.845 ohms ±20%
D.C. RESISTANCE	1-2	@20°C	0.235 ohms ±20%
D.C. RESISTANCE	FL1-FL2	@20°C	0.090 ohms ±20%
D.C. RESISTANCE	FL3-FL4	@20°C	0.090 ohms $\pm 20\%$
INDUCTANCE	6-5	10kHz, 100mVAC, Ls	1.72mH ±10%
SATURATION CURRENT		20% rolloff from initial	1.05A
LEAKAGE INDUCTANCE	6-5	tie(1+2, FL1+FL2+FL3+FL4), 100kHz, 100mVAC, Ls	15uH max.
DIELECTRIC	6-FL1	tie(1+5, FL2+FL3), 4500VAC, 1 second	4500VAC, 1 minute
TURNS RATIO		(6-5):(1-2)	4.18:1, ±2%
TURNS RATIO		(6-5):(FL1-FL2)	7.67:1, ±2%
TURNS RATIO		(6-5):(FL3-FL4)	7.67:1, ±2%

GENERAL SPECIFICATIONS:

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

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

Sn96%, Ag4% Yes Yes * DIMENSION MAY BE EXCEEDED WITH SOLDER ONLY PART MUST INSERT FULLY TO SURFACE A IN RECOMMENDED GRID -A-.575 MAX. - DOT LOCATES TERM. #1 ø.028(10) [14.61] [.71] .100/.150 * 1.050 MAX. 2.250 REF. [2.54/3.81] [57.15] [26.67] 5750311475 1.060 MAX. [26.92] .100/.150 * TERM. NO.'s FOR REF. ONLY LOT CODE & DATE CODE [2.54/3.81] ø.052(10) [1.32] [22.50] SEC - Series Connected 50VDC, 350mADC 127-431VDC 3-39kHz

.197(8)

[5.00]

Designed for total output power of 18 Watts.

BIAS

CUSTOMER TERMINAL

RoHS

LEAD(Pb)-FREE

DETAILS SUBJECT TO CHANGE

SEC - Parallel Connected 25VDC, 700mADC

REV.	DATE	Packaging Specifications	4 1
		Method: Tray	(A) - [-]
		PKG-0029	
		www.midcom-inc.com	CONVENTION PLACEMENT
6A	3/10	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.

RECOMMENDED

P.C. PATTERN, COMPONENT SIDE

DRAWING TITLE

TRANSFORMER

eiSos p/n: **750311475**

PART NO.

ROHS SPECIFICATION SHEET 1 OF 1