



ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:

D.C. RESISTANCE (@20°C):	3-4; 8-9; 13-14; 18-19; 24-25; 29-30; 34-35; 39-40, 0.80 Ohms max. 1-2; 6-7; 11-12; 16-17, 1.00 Ohms max. 22-23; 27-28; 32-33; 37-38, 1.80 Ohms max.
DIELECTRIC RATING:	1500VAC, 1 minute tested by applying 1875VAC for 1 second between pins 1-40; 3-38; 6-35; 8-33; 11-30; 13-28; 16-25; 18-23.
INDUCTANCE:	1.2 mH min., 10kHz, 100mVAC, 3-4; 8-9; 13-14; 18-19; 24-25; 29-30; 34-35; 39-40, Ls.
LEAKAGE INDUCTANCE:	0.6µH max., 100kHz, 100mVAC, 3-4(tie 37+38); 8-9(tie 32+33); 13-14(tie 27+28); 18-19(tie 22+23); 24-25(tie 16+17); 29-30(tie 11+12); 34-35(tie 6+7); 39-40(tie 1+2), Ls.
TURNS RATIO:	(1-2):(40-39), (1):(1.00), ±2%. (6-7):(35-34), (1):(1.00), ±2%. (11-12):(30-29), (1):(1.00), ±2%. (16-17):(25-24), (1):(1.00), ±2%. (23-22):(18-19), (2):(1.00), ±2%. (28-27):(13-14), (2):(1.00), ±2%. (33-32):(8-9), (2):(1.00), ±2%. (38-37):(3-4), (2):(1.00), ±2%.
INTERWINDING CAPACITANCE:	35.0pF max., 100kHz, 100mVAC, 1-40; 3-38; 6-35; 8-33; 11-30; 13-28; 16-25; 18-23, Cs.

OPERATING TEMPERATURE RANGE: -40°C to +85°C.

Preliminary!

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<p>Midcom, Inc. Watertown, SD USA Toll Free: 800-643-2661 Fax: 605-886-4486</p> <p style="font-size: 0.8em;">This drawing is dual dimensioned. Dimensions in brackets are in millimeters</p>	Unless otherwise specified, tolerances are as follows: Angles: ±1° Fractions: ±1/64 Decimals: ±.005(.127mm)		Midcom, Inc.	
	Drawing Title Transformer		Drawing Number 52028R	Rev. 00
Revisions: See Sheet 1		Scale ----	Sheet 2 of 8	
04/06/2006				