



CORTRAN, INC.

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May 28, 2009

YOUR COMPANY NAME
123 MAIN STREET
ANYTOWN, USA 00000
ATTN: MR. CUSTOMER

Core ID: CORE # XXXXX

Dear Mr. Customer

Cortran provides this specification for transformer cores as descriptive information for engineering and purchasing review. The calculation method was derived from EIA Standard RS-217-A, December, 1970. The formulas used are described below, including the nominal specification values for your core, CORE # XXXXX.

Cortran cores are manufactured using grain oriented silicon steel of the highest quality and by the most advanced manufacturing methods available. The resulting products are of superior quality, as evidenced by our "Zero Tilt" specification.

Each core manufactured by Cortran is rigorously tested for compliance with these specifications, including 100% electrical inspection for proper performance as our final criterion.

NOMINAL SPECIFICATIONS, CONSTANTS, & TERMINOLOGY

SD	Steel Density	: 0.276	pounds per cubic inch
	Steel Type	: M1	
	Steel Thickness	: 0.004	inches
SF	Stacking Factor	: 0.9	
KG	Kilogauss	: 15	
HZ	Frequency	: 60	Hertz
D	Strip Width	: 2.000	inches
E	Build	: 1.000	inches
F	Window Width	: 1.000	inches
G	Window Length	: 3.000	inches
K	Cut	: 1.500	inches
R	Corner Radius	: 0.0625	inches
A	Overall Width	: 3.000	inches
B	Overall Length	: 5.000	inches
AREA	Gross Area	: 2.000	square inches
WEIGHT	Weight	: 5.42	pounds
VA	Voltamps	: 19.21	volt-amperes @ KG rating
V	Volts	: 23.21	volts
WATT	Watt	: 4.88	watts
AMP	Amperes	: 0.83	amperes
TLC	QC Test Coil	: 50	winds in test coil