RTI Electronics, Inc.™
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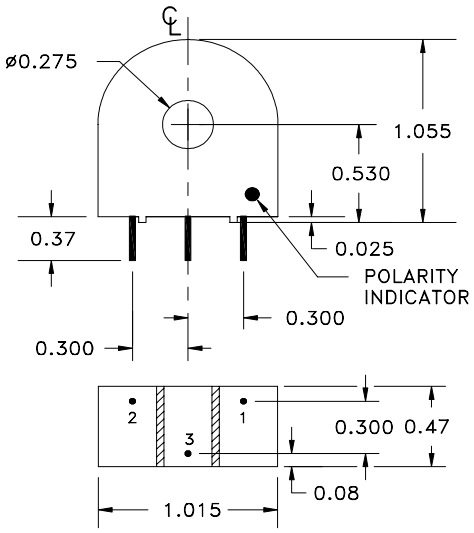
A Wholly Owned Subsidiary of IntriCon Corporation
AMECON™ Quality Magnetics & Electronics
IMB Electronic Products™
ISO9001 CERTIFIED

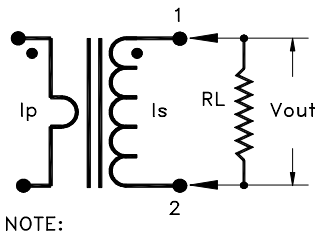
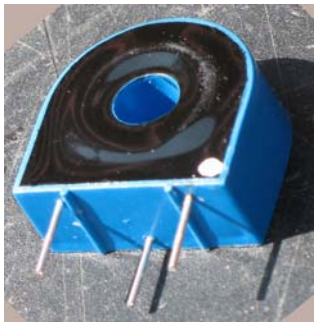
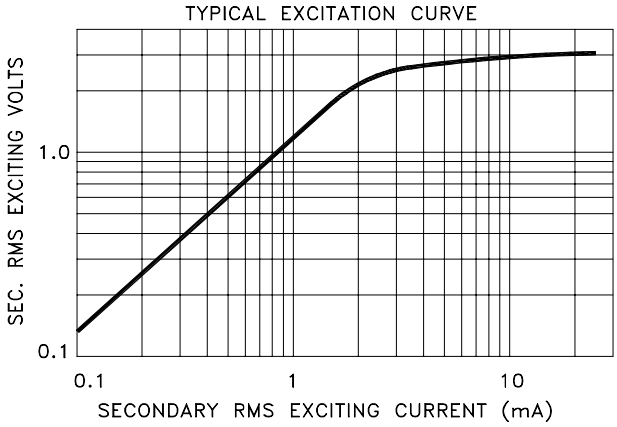
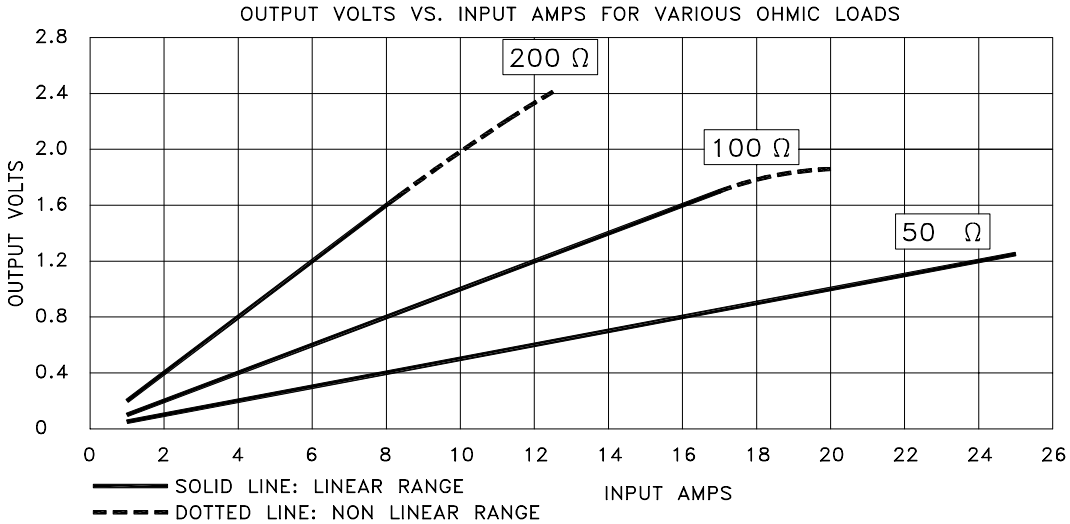
20A CURRENT TRANSFORMER, P/N 5304-E

ELECTRICAL SPECIFICATIONS	
RATED PRIMARY CURRENT FOR 50A LOAD:	20 A RMS, 60Hz.
TURNS RATIO:	1000:1 NOMINAL
VOLTS PER AMP ACROSS 50 OHMS LOAD:	0.05 V/A
VOLTS PER AMP LINEARITY ACROSS 50 OHMS LOAD:	3% MAX 1 TO 20 AMP.
VOLTS PER AMP REPEATABILITY FROM UNIT TO UNIT:	1% MAX.
D.C. RESISTANCE AT 20°C:	39 OHM ± 10%
HI-POT:	4kV RMS

MECHANICAL SPECIFICATIONS	
CUP:	PLASTIC, BLUE
ENCAPSULANT:	EPOXY, BLACK
FLAMMABILITY:	CONFORMS TO UL94-V0
TERMINALS:	PC PINS, 0.031 IN DIA ROUND.
MARKING:	AI 5304-E, DATECODE, DOT AT START PIN.
APPROX. WEIGHT:	0.034 LB.
TOLERANCES:	.X: ± 0.1 .XX: ± 0.03 .XXX: ± 0.01

ENVIRONMENTAL SPECIFICATIONS:	
STORAGE TEMPERATURE:	-55°C TO + 130°C.
OPERATING TEMPERATURE:	-40°C TO + 125°C.
INSULATION RESISTANCE:	100 MEGOHMS MIN.





NOTE:
THE LOADING RESISTOR RL AND THE ONE TURN PRIMARY ARE CUSTOMER SUPPLIED.