

5A CURRENT TRANSFORMER, P/N 5301

ELECTRICAL SPECIFICATIONS

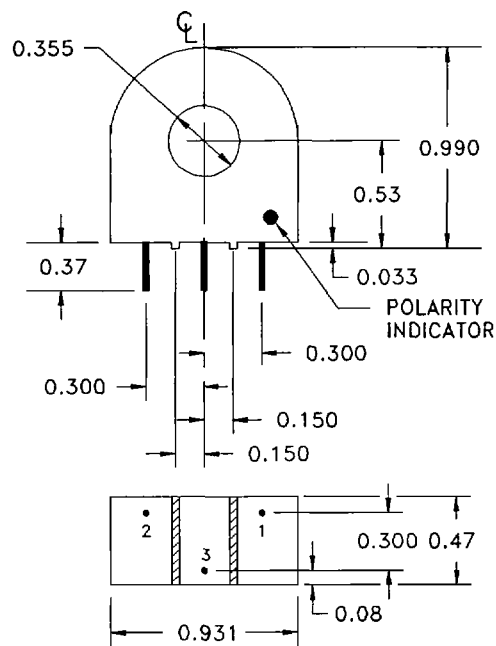
PRIMARY CURRENT:	5 A NOM., 60A MAX.
TURNS RATIO:	1000:1 NOMINAL
VOLT PER AMP RATIO AT 5 A, FOR 100 OHM LOAD :	0.100 V/A
VOLT PER AMP RATIO AT .5 A, FOR 100 OHM LOAD :	0.096 V/A
D.C.RESISTANCE AT 20°C :	39 OHMS
DIELECTRIC WITHSTANDING VOLTAGE (HI-POT):	4kV RMS.

MECHANICAL SPECIFICATIONS

PARAMETER	
CUP	DAP, EPOXY OR RYNITE
ENCAPSULANT	EPOXY OR POLYURETHANE, LOW SHRINKAGE, HIGH RELIABILITY
FLAMMABILITY	CONFORMS TO UL94-V0
TERMINALS	PC PINS, 0.031IN RD. OR 0.025IN SQ.
MARKING	AMECON, PART NUMBER, DATECODE, DOT AT START PIN.
APPROX. WEIGHT	0.034#
TOLERANCES:	.X: ± 0.1 .XX: ± 0.03 .XXX: ± 0.01

ENVIRONMENTAL SPECIFICATION

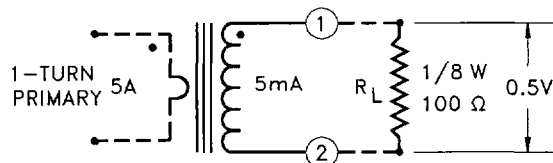
STORAGE TEMP.	$-55^{\circ}\text{C} < T_c < +130^{\circ}\text{C}$
INSULATION RESISTANCE	100 MEGOHMS MINIMUM.



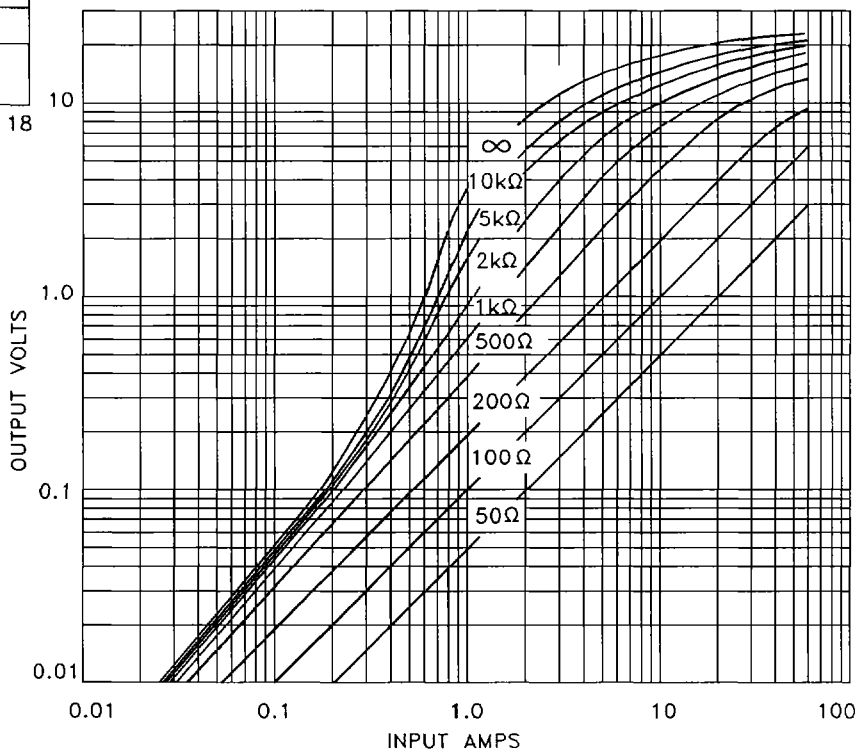
NOTES:

UNLESS REQUESTED, THE TERMINATING RESISTOR AND THE ONE-TURN PRIMARY ARE NOT SUPPLIED

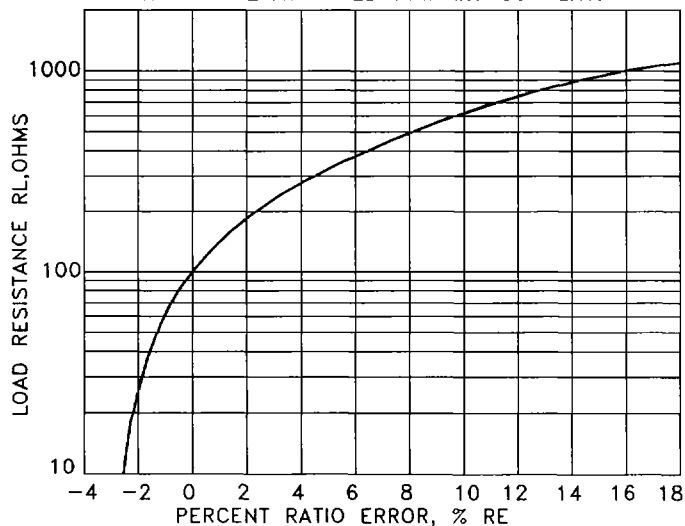
PIN 3: NORMALLY FOR MECHANICAL SUPPORT; MAY BE USED FOR CENTER-TAPPED DESIGNS.



OUTPUT VOLTS VS. INPUT AMPS FOR VARIOUS OHMIC LOADS



% RE VS. RL AT RATED PRIMARY CURRENT.



TYPICAL EXCITATION CURVE

