



# RTI Electronics, Inc.™

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Quality Magnetics & Electronics



IMB Electronic Products™



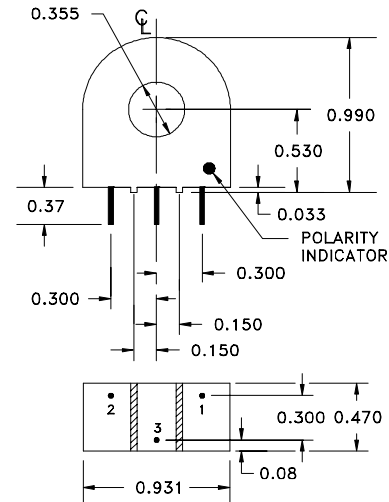
## 20A WIDE RANGE CURRENT TRANSFORMER, P/N 5300-6420

FOR APPLICATIONS WHERE EXTRA RESPONSE AT THE LOW END IS REQUIRED WHILE MAINTAINING THE HIGH CURRENT HANDLING CAPABILITY.

ELECTRICAL SPECIFICATIONS	
PRIMARY CURRENT:	20A NOM., 60A MAX.
TURNS RATIO:	1000:1 NOMINAL
VOLT PER AMP RATIO AT 20A, FOR 100 OHM LOAD:	0.100 V/A ± 1%
VOLT PER AMP LINEARITY FROM 100% TO 1% RATED CURRENT:	1.5%
DC RESISTANCE AT 20°C:	57 OHM
DIELECTRIC WITHSTANDING VOLTAGE (HI-POT):	4kV RMS

MECHANICAL SPECIFICATIONS	
PARAMETER	
CUP	DAP, EPOXY OR RYNITE OR PPS.
ENCAPSULANT	EPOXY OR POLYURETHANE, LOW SHRINKAGE, HIGH RELIABILITY
FLAMMABILITY	CONFORMS TO 94-V0
TERMINALS	PC PINS, 0.031" RD. OR 0.025" SQ.
MARKING	AMECON P/N, DATE CODE, DOT AT START PIN.
APPROX. WT.:	0.036#
TOLERANCE:	.X: ± 0.100 .XX: ± 0.030 .XXX: ± 0.010

ENVIRONMENTAL SPECIFICATION:	
STORAGE TEMPERATURE	-55°C < Ts < +130°C
OPERATING TEMPERATURE	-55°C < Ts < +120°C
INSULATION RESISTANCE:	100 MEGOHM MIN.



### 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.

FOR EXTRA SENSITIVITY, ADEQUATE SHIELDING

OF THE PARTS AND THE LEADS IS REQUIRED

TO MINIMIZE SPURIOUS NOISE PICKUP.

