



# RTI Electronics, Inc.™

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Quality Magnetics & Electronics



IMB Electronic Products™

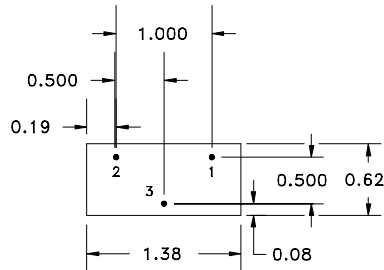
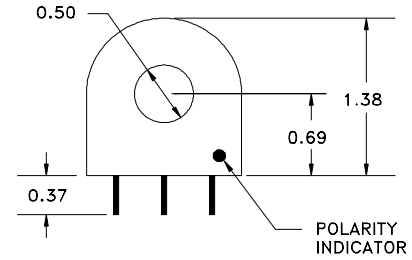


## 30A HIGH ACCURACY CURRENT TRANSFORMER, P/N 5356

ELECTRICAL SPECIFICATIONS	
PRIMARY CURRENT:	30A NOM., 45A MAX. @ 100 OHM LOAD
URNS RATIO:	1000:1 NOMINAL
VOLT PER AMP RATIO AT 25A, FOR 100 OHM LOAD:	0.100 V/A ± 1%
VOLT PER AMP LINEARITY FROM 100% TO 1% RATED CURRENT:	<0.25%
PHASE SHIFT AT 30A, 100 OHM LOAD:	21 MINUTES MAX.
PHASE SHIFT AT 3.0A, 100 OHM LOAD:	64 MINUTES MAX.
DC RESISTANCE AT 20°C:	55 OHM
DIELECTRIC WITHSTANDING VOLTAGE (HI-POT):	4kV RMS

MECHANICAL SPECIFICATIONS	
PARAMETER	
MOLDED / OR CUP	EPOXY OR POLYURETHANE ENCAPSULATED/ DAP, PPS OR RYNITE
FLAMMIBILITY	CONFORMS TO 94-V0
TERMINALS	PC PINS, 0.031" RD.
MARKING	AMECON P/N, DATE CODE, DOT AT START PIN.
APPROX. WT.:	.082#
TOLERANCE:	.X: ± 0.100 .XX: ± 0.030 .XXX: ± 0.010

ENVIRONMENTAL SPECIFICATION:	
STORAGE TEMPERATURE	-55°C < T <sub>s</sub> < +130°C
OPERATING TEMPERATURE	-55°C < T <sub>s</sub> < +120°C
INSULATION RESISTANCE:	100 MEGOHM MIN.



NOTES:  
UNLESS REQUESTED, THE TERMINATING RESISTOR AND THE ONE-TURN PRIMARY ARE NOT SUPPLIED.  
PIN 3: SUPPLIED FOR MECHANICAL SUPPORT, CAN BE USED FOR CENTER-TAP CONNECTION ON REQUEST.

