



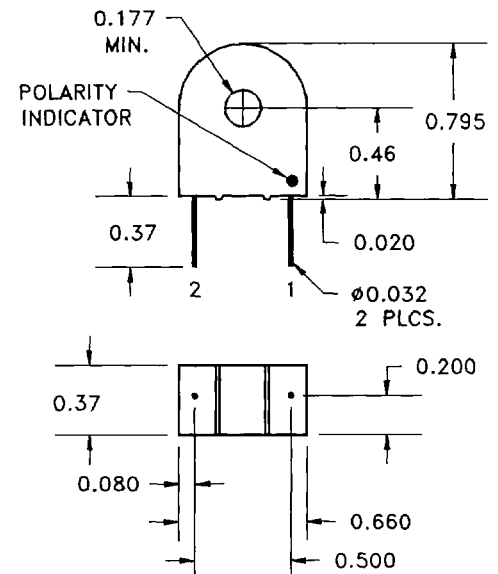
WIDE DYNAMIC RANGE CURRENT TRANSFORMER

20A P/N 5300-0420

ELECTRICAL SPECIFICATIONS	
PRIMARY CURRENT:	20A NOM., 40A MAX.
URNS RATIO:	1000:1 NOMINAL
VOLT PER AMP RATIO AT 20A, FOR 100 OHM LOAD :	0.100 V/A
VOLT PER AMP RATIO AT 2 A, FOR 100 OHM LOAD :	0.096 V/A
D.C.RESISTANCE AT 20°C :	85 OHMS
DIELECTRIC WITHSTANDING VOLTAGE (HI-POT):	4kV RMS.

MECHANICAL SPECIFICATIONS	
PARAMETER	
CUP	DAP, EPOXY OR RYNITE
ENCAPSULANT	EPOXY OR POLYURETHANE, LOW SHRINKAGE, HIGH RELIABILITY
FLAMMIBILITY	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	0.018#
TOLERANCES:	.X: ±0.1 .XX: ±0.03 .XXX: ±0.01

ENVIRONMENTAL SPECIFICATION	
STORAGE TEMP.	-55°C < T _c < +130°C
INSULATION RESISTANCE	100 MEGOHMS MINIMUM.



NOTES:

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

LOAD VALUE:

- 1500 Ω
- 1000 Ω
- 400 Ω
- 200 Ω
- 100 Ω

