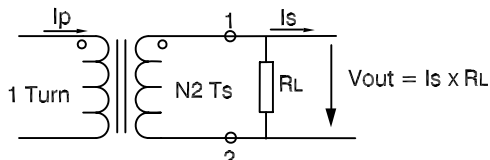


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SCHMATIC

Note: All measurements are carried out using rms value responding meter. The terminating resistor and the 1-turn primary are not supplied.

7 BUILD TO RoHS COMPLIANCE AND LEAD FREE

6 WHERE SHOWN
MARK PART NUMBER AND REVISION

5 REMOVE INSULATION, SOLDERED TO LEADS

4 CONSTRUCTION: ENCAPSULATED USING BOBBIN.
DIELECTRIC WITHSTANDING VOLTAGE (HI-POT): 2.5K Vrms
FREQUENCY BAND: 50Hz - 60Hz
OPERATING TEMP. = - 25 °C TO 80 °C
DC RESISTANCE @ 25 °C = 154 OHMS
PHASE SHIFT = 30.33°
RATIO ERROR = -0.529 %
BURDEN RESISTOR (RL) = 100 OHMS
MIN AC PRIMARY CURRENT (I min) = 0.05 AMPS
MAX AC PRIMARY CURRENT (I max) = 130 AMPS
ACCURACY CLASS = 1.0 %
OUTPUT VOLTAGE (V out) = 2.994 V
RATED PRIMARY CURRENT (Ir) = 0.05 A - 60 A

3 SPECIFICATIONS @ 25 °C :

WIRE: UL RECOGNIZED 130 °C RATED MAGNET WIRE
CWS BYTE-MARK OR OTHER APPROVED PART
CORE: TAPE WOUND

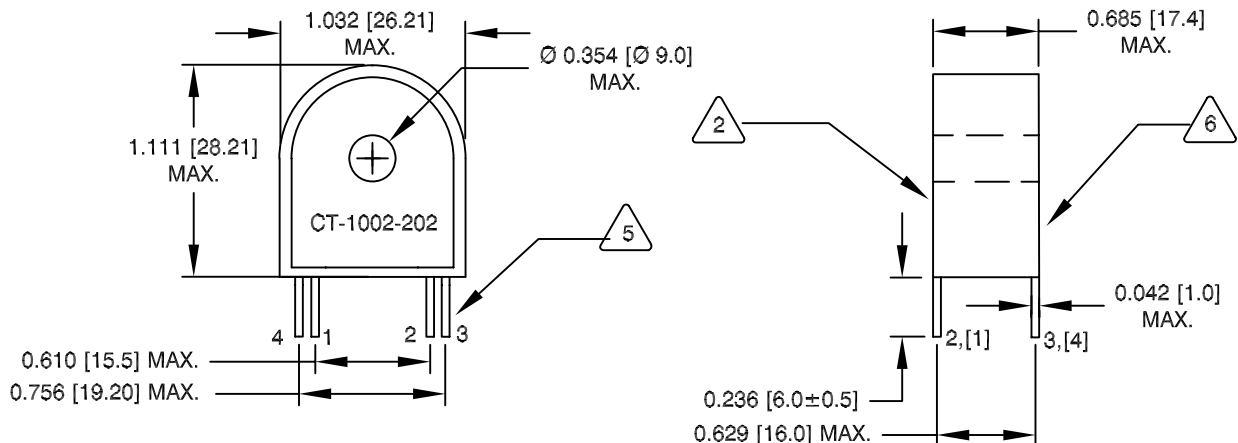
2

BOBBIN RATING CLASS B (130 °C) REQUIRED

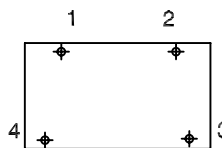
1 MATERIAL: UL RECOGNIZED 94V-0 FOR FLAMMABILITY
ALL MATERIAL USED ARE IN ACCORDANCE WITH UL REQUIREMENTS

UNIT: INCHES [MM]

REVISION HISTORY						
REV	ECN	DESCRIPTION	SIGN & DATE			
			BY	DATE	CHK	DATE
A		PRODUCTION RELEASE	GN	05/29/09	KC	05/29/09

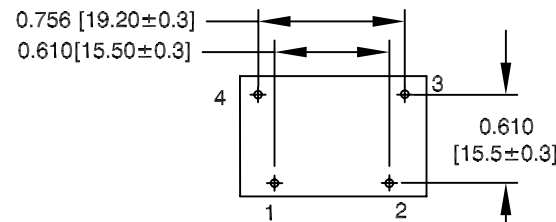


FRONT VIEW



BOTTOM VIEW

SIDE VIEW



MOUNTING HOLES PATTERN

Note: Pin 3 and 4 are only used for mechanical mounting on to PCB

QTY	CODE IDENT	MFG. P/N	DESCRIPTION	ITEM NO.
PARTS LIST				
AUTOCAD SOLIDWORKS		X		
DRAWN		SIGN DATE		
CHECKED		SIGN DATE		
ENGR.		SIGN DATE		
APPR.		SIGN DATE		
UNLESS OTHERWISE SPECIFIED		TITLE: 60A Current Sense Transformer		
DIMENSIONING AND TOLERANCE PER ANSI Y14.5M		SIZE DWG. NO. CT-1002-202		
ALL DIMENSIONS ARE IN INCHES AND [MILLIMETERS].		SCALE NOT_TO_SCALE		
TOLERANCE INCHES: .XXX=±.010 .XX=±.020 $\angle = \pm 0^{\circ}30'$		SHEET 1 OF 1		
TOLERANCE METRICS: .XXX=±.254 .XX=±.51 $\angle = \pm 0^{\circ}30'$		CAD-FILE:		
ANGLE PROJECTION				
DO NOT SCALE DRAWING				

CT-1002-202

