

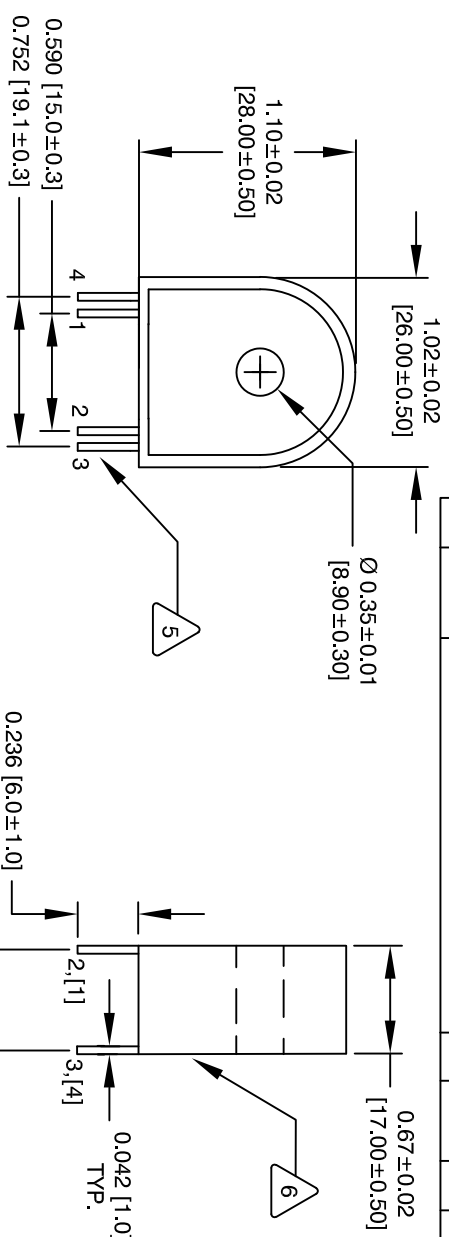
SCHEMATIC
 Note: All measurements are carried out using rms value responding meter. The terminating resistor and the 1-turn primary are not supplied.

- 7 BUILD TO ROHS COMPLIANCE
- AT THE BACK OF THE PART.
- 6 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 = 40 OHMS MAX
 BURDEN RESISTOR (RL) = 100 OHMS
 MIN AC PRIMARY CURRENT (I min) = 0.01 AMPS
 MAX AC PRIMARY CURRENT (I max) = 30 AMPS
 ACCURACY CLASS = 1.0 %
 OUTPUT VOLTAGE (V out) = 1.504 V
 RATED PRIMARY CURRENT (Ip) = 0.01 A - 15 A
- 3 SPECIFICATIONS @ 25 °C :
 WIRE: UL RECOGNIZED 130 °C RATED MAGNET WIRE
 CWS BYTE-MARK OR OTHER APPROVED PART
- 2 CORE: TAPE WOUND
- 1 BOBBIN RATING CLASS B (130 °C) REQUIRED
 MATERIAL: UL RECOGNIZED 94V-0 FOR FLAMMABILITY
 ALL MATERIAL USED ARE IN ACCORDANCE WITH UL REQUIREMENTS
 UNIT: INCHES [MM]

REVISION HISTORY

REV	ECN	DESCRIPTION	BY	DATE	CHK	DATE
B	130730	REMOVE/ADD NOTES AND DIMENSIONS AND LABEL	AK	07/30/13	JL	07/30/13
B1		REVISED MECHANICAL SPEC.	TN	04/10/23	JL	04/10/23



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

DIMENSIONING AND TOLERANCE PER ANSI Y14.5M AND [MILLIMETERS].	
TOLERANCE INCHES:	± = +0°-30'
XXX = ±0.005 X, XX = ±0.002 X, X = ±0.001 X	± = ±0°-30'
ANGLE PROJECTION	1ST ANGLE
DO NOT SCALE DRAWING	

QTY	CODE	MFG. P/N	DESCRIPTION	ITEM NO.
	IDENT		PARTS LIST	
AUTOCAD: X SOLIDWORKS: SIGN DATE DRAWN: GN 05/22/09 CHECKED: KC 05/22/09 ENGR: KC 05/22/09 APPR: KC 05/22/09 TITLE: 15A Current Sense Transformer SIZE: B SCALE: NOT TO SCALE SHEET: 1 OF 1				
CWS Coil Winding Specialist, Inc. 353 W. Grove Avenue Orange, CA 92865 WWW.COILWS.COM				