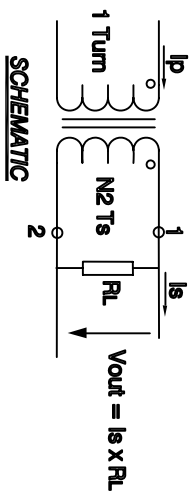
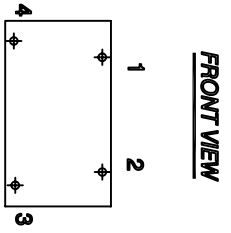
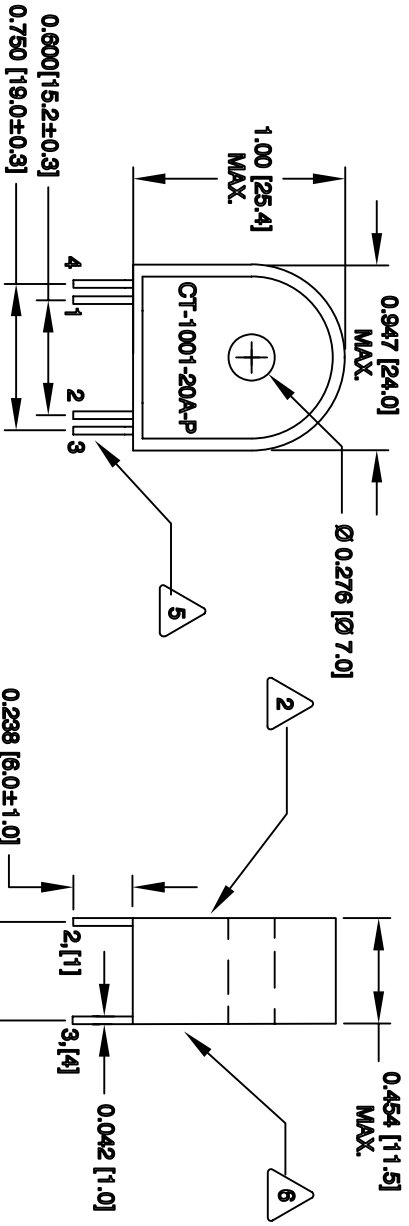


The information contained in this drawing is the sole property of Coil Winding Specialist, Inc. Any reproduction in part or whole without written permission of Coil Winding Specialist, Inc. is prohibited.



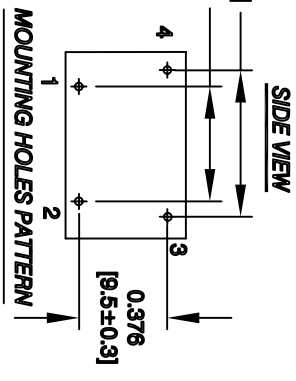
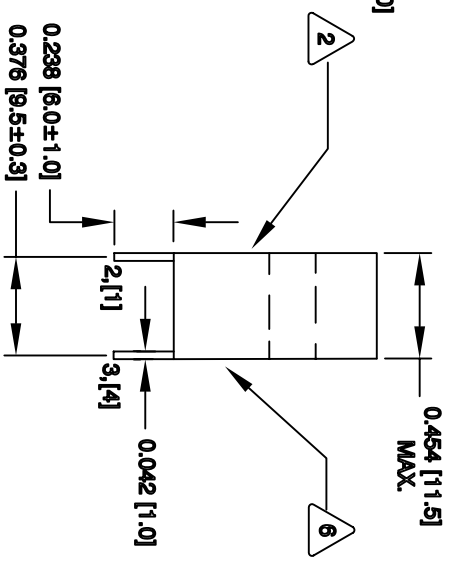
Note: All measurements are carried out using rms value responding meter. The burden resistor and the 1-turn primary are not supplied.

- 8 MEETS IEC60044-1, IEEE C57.13 (ANSI)
- 7 BUILD TO ROHS COMPLIANCE AND LEAD FREE WHERE SHOWN
- 6 MARK PART NUMBER AND REVISION
- 5 PINS FOR PCB MOUNTING
- 4 CONSTRUCTION: ENCAPSULATED USING BOBBIN.  
APPROXIMATE WEIGHT: 16.5g  
SECONDARY TURNS = 2500  
ISOLATED VOLTAGE: 2500 V AC  
FREQUENCY BAND: 15Hz - 100Hz  
OPERATING TEMP. = - 25 °C TO + 80 °C  
AMBIENT TEMP. = - 5°C TO + 40°C  
DC SECONDARY RESISTANCE@20 °C = 135-Ohm MAX  
DC PRIMARY CURRENT = 30A  
ACCURACY CLASS = 0.5 % . ERROR TOLERANCE = 4.1°  
OUTPUT VOLTAGE (Vout) = 0.3 V at BURDEN RESISTOR = 37.5ohm  
INDUCTANCE = 4.60 mH± 20%
- 3 AC PRIMARY CURRENT RATED = 20A, MAX = 80A SPECIFICATIONS @ 25 °C :
- WIRE:
- CWS BYTEMARK OR OTHER APPROVED PART
- 2 CORE: CWS BYTEMARK OR OTHER APPROVED PART BOBBIN RATING
- 1 MATERIAL: 94V0 RATED  
ALL MATERIAL USED ARE IN ACCORDANCE WITH UL REQUIREMENTS  
UNIT: INCHES [MM]



**BOTTOM VIEW**

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



REV		ECN	DESCRIPTION	SIGN & DATE	
A			PRODUCTION RELEASE	BY	DATE
				GN	01/29/10
				JL	01/29/10

QTY	CODE	MFG. P/N	DESCRIPTION	ITEM NO.
	IDENT			
<b>PARTS LIST</b>				
AUTOCAD SOLIDWORKS		X		
DRWN	GN	DATE	TITLE:	
ENGR.	JL	01/30/10	DC Tolerant	
APPR.	JL	01/30/10	Current Transformer, 20 Amp	
SCALE		SIZE	DWG. NO.	REV
NOT TO SCALE		B	CT-1001-20A-P	A

Coil Winding Specialist, Inc.  
353 W. Grove Avenue  
Orange, CA 92865