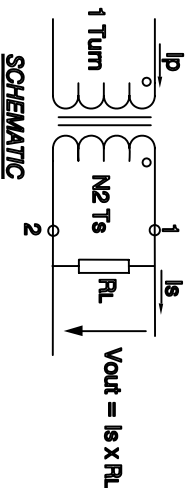


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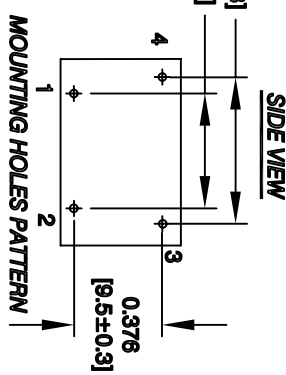
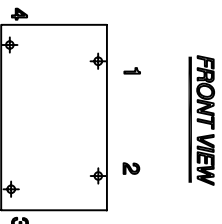
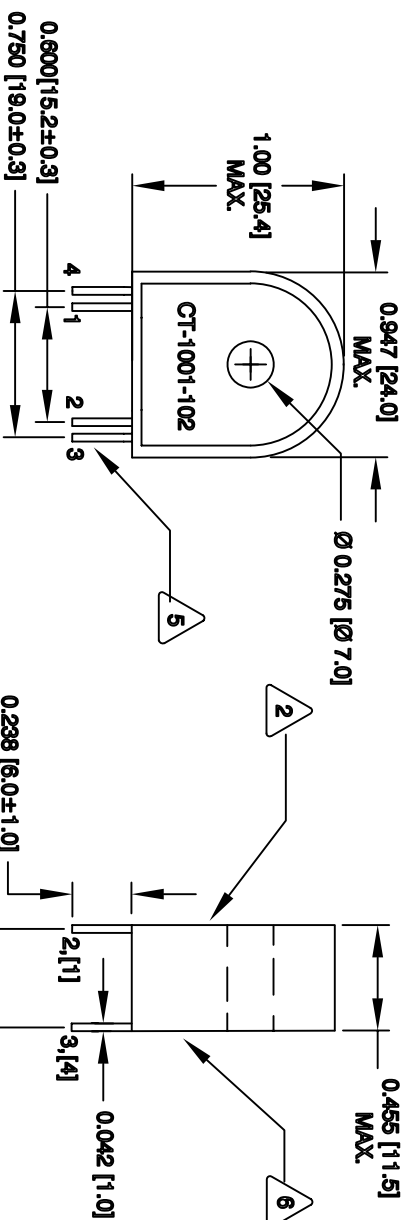


Note: All measurements are carried out using rms value responding meter. The terminating resistor and the 1-turn primary are not supplied.

- 7 BUILD TO ROHS COMPLIANCE AND LEAD FREE WHERE SHOWN
- 6 MARK PART NUMBER AND REVISION

- 5 REMOVE INSULATION, SOLDERED TO LEADS
- 4 CONSTRUCTION: ENCAPSULATED USING BOBBIN.

- APPROXIMATE WEIGHT = 16.5 g  
DIELECTRIC WITHSTANDING VOLTAGE (HI-POT): 2.5K Vrms/1mA/1 sec  
FREQUENCY BAND: 50Hz - 60Hz  
OPERATING TEMP. = - 25 °C TO 80 °C  
DC RESISTANCE @ 25 °C = 35 OHMS MAX  
BURDEN RESISTOR REE (RL ) = 100 OHMS  
MIN AC PRIMARY CURRENT (I min) = 0.01 AMPS  
MAX AC PRIMARY CURRENT (I max) = 20 AMPS  
ACCURACY CLASS = 5.0 %  
OUTPUT VOLTAGE (Vout) = 0.979 V  
RATED PRIMARY CURRENT (It) = 0.01 A - 20 A  
SPECIFICATIONS @ 25 °C :
- 3 WIRE: UL RECOGNIZED 180 °C RATED MAGNET WIRE CWS BYTEMARK OR OTHER APPROVED PART
  - 2 CORE: TAPE WOUND
  - 1 BOBBIN RATING CLASS B (180 °C) REQUIRED  
MATERIAL: UL RECOGNIZED 94V-0 FOR FLAMMABILITY  
ALL MATERIAL USED ARE IN ACCORDANCE WITH UL REQUIREMENTS  
UNIT: INCHES [MM]



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

| REVISION HISTORY |     |                    |                                            |
|------------------|-----|--------------------|--------------------------------------------|
| REV              | ECN | DESCRIPTION        | SIGN & DATE                                |
| A                |     | PRODUCTION RELEASE | BY: GN DATE: 7/29/09 CHK: KC DATE: 7/29/09 |

| QTY | CODE  | MFG. P/N | DESCRIPTION | ITEM NO. |
|-----|-------|----------|-------------|----------|
|     | IDENT |          |             |          |

| PARTS LIST |          |
|------------|----------|
| AUTOCAD    | X        |
| SOLIDWORKS |          |
| SIGN       | DATE     |
| GN         | 05/22/09 |
| KC         | 05/22/09 |
| KC         | 05/22/09 |
| KC         | 05/22/09 |
| KC         | 05/22/09 |
| APPR.      | 05/22/09 |

|                                                              |           |
|--------------------------------------------------------------|-----------|
| UNLESS OTHERWISE SPECIFIED                                   |           |
| DIMENSIONING AND TOLERANCE PER ANSI Y14.5M AND [MILLIMETERS] |           |
| TOLERANCE INCHES:                                            | ±.0030    |
| TOLERANCE METRICS:                                           | ±.0750    |
| ANGLE PROJECTION                                             | 1st Angle |
| DO NOT SCALE DRAWING                                         |           |

|                                   |              |
|-----------------------------------|--------------|
| TITLE:                            |              |
| Current Sense Transformer, 10 Amp |              |
| SIZE [INC. NO.]                   | CT-1001-102  |
| SCALE                             | NOT TO SCALE |
| SHEET                             | 1 OF 1       |

|                               |  |
|-------------------------------|--|
| COIL WINDING SPECIALIST, INC. |  |
| 353 W. Grove Avenue           |  |
| Orange, CA 92665              |  |