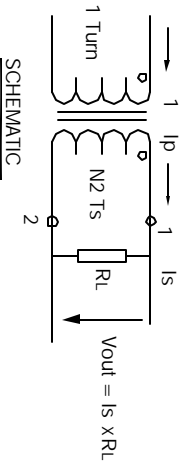
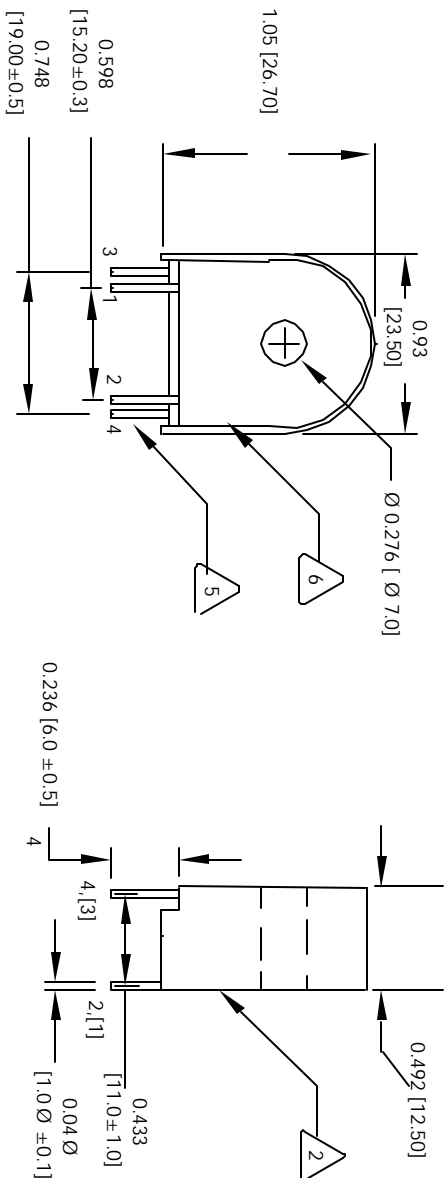


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Note: All measurements are carried out using rms value responding meter. Unless requested the terminating resistor and the 1-turn primary are not supplied.

| REVISION HISTORY |     |                    |         |
|------------------|-----|--------------------|---------|
| REV              | ECN | DESCRIPTION        | DATE    |
| B                |     | PRODUCTION RELEASE | 8/24/04 |



- WHERE SHOWN
- 6 MARK PART NUMBER AND REVISION
- 5 REMOVE INSULATION, SOLDERED TO LEADS
- 4 CONSTRUCTION: ENCAPSULATED USING BOBBIN.

- OPERATING TEMP. = -25 °C TO 125 °C  
 OUTPUT VOLTAGE AT RL AND MAX (In) = 1.0 V RMS  
 BURDEN RESISTOR (RL) = 100 OHMS  
 DC RESISTANCE @ 25 °C = 100 OHMS MAX  
 MAX AMPLITUDE ERROR WITHIN RANGE OF (In) = ± 0.1%  
 MAX PHASE ERROR WITHIN RANGE OF (In) = ± 5'  
 ACCURACY CLASS = 0.1, 0.2 %  
 = 20 AMPS RMS MAX.  
 MAX AC PRIMARY CURRENT WITHOUT SATURATION (Imax) = 10 AMPS RMS NOMINAL.  
 PRIMARY CURRENT RANGE WITH DEFINED ERROR TOLERANCES (In), SPECIFICATIONS @ 25 °C :

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

- 2 BOBBIN RATING CLASS B (130 °C) REQUIRED  
 MATERIAL: UL RECOGNIZED 94V-0 FOR FLAMMABILITY  
 UNIT: INCHES (MM)
- NOTES: UNLESS OTHERWISE SPECIFIED, 50/60 HZ CURRENT SENSOR.

|   |        |
|---|--------|
| UNLESS OTHERWISE SPECIFIED                            |        |
| DRAWING AND TOLERANCE PER ANSI Y14.5M                 |        |
| ALL DIMENSIONS ARE IN INCHES AND (DIMENSIONS)         |        |
| TOLERANCE METRICS                                     | ±0.030 |
| ±0.010, ±0.020, ±0.030                                |        |
| ±0.015, ±0.025, ±0.035                                |        |
| ±0.005, ±0.010, ±0.015                                |        |
| ±0.0025, ±0.005, ±0.0075                              |        |
| ±0.001, ±0.002, ±0.003                                |        |
| ±0.0005, ±0.001, ±0.0015                              |        |
| ±0.0002, ±0.0005, ±0.00075                            |        |
| ±0.0001, ±0.0002, ±0.0003                             |        |
| ±0.00005, ±0.0001, ±0.00015                           |        |
| ±0.00002, ±0.00005, ±0.000075                         |        |
| ±0.00001, ±0.00002, ±0.00003                          |        |
| ±0.000005, ±0.00001, ±0.000015                        |        |
| ±0.000002, ±0.000005, ±0.0000075                      |        |
| ±0.000001, ±0.000002, ±0.000003                       |        |
| ±0.0000005, ±0.000001, ±0.0000015                     |        |
| ±0.0000002, ±0.0000005, ±0.00000075                   |        |
| ±0.0000001, ±0.0000002, ±0.0000003                    |        |
| ±0.00000005, ±0.0000001, ±0.00000015                  |        |
| ±0.00000002, ±0.00000005, ±0.000000075                |        |
| ±0.00000001, ±0.00000002, ±0.00000003                 |        |
| ±0.000000005, ±0.00000001, ±0.000000015               |        |
| ±0.000000002, ±0.000000005, ±0.0000000075             |        |
| ±0.000000001, ±0.000000002, ±0.000000003              |        |
| ±0.0000000005, ±0.000000001, ±0.0000000015            |        |
| ±0.0000000002, ±0.0000000005, ±0.00000000075          |        |
| ±0.0000000001, ±0.0000000002, ±0.0000000003           |        |
| ±0.00000000005, ±0.0000000001, ±0.00000000015         |        |
| ±0.00000000002, ±0.00000000005, ±0.000000000075       |        |
| ±0.00000000001, ±0.00000000002, ±0.00000000003        |        |
| ±0.000000000005, ±0.00000000001, ±0.000000000015      |        |
| ±0.000000000002, ±0.000000000005, ±0.0000000000075    |        |
| ±0.000000000001, ±0.000000000002, ±0.000000000003     |        |
| ±0.0000000000005, ±0.000000000001, ±0.0000000000015   |        |
| ±0.0000000000002, ±0.0000000000005, ±0.00000000000075 |        |
| ±0.0000000000001, ±0.0000000000002, ±0.0000000000003  |        |

| QTY | CODE IDENT | MFG. P/N | DESCRIPTION                                      | ITEM NO. |
|-----|------------|----------|--|----------|
|     |            |          | <b>PARTS LIST</b>                                |          |
|     |            |          | CWS Coil Winding Specialist.                     |          |
|     |            |          | 1510 E. Edinger Ave.                             |          |
|     |            |          | Unit B, Santa Ana, CA, 92705                     |          |
|     |            |          | <b>TITLE:</b> 50/60 Hz Current Sense Transformer |          |
|     |            |          | CT-0810-HA                                       |          |
|     |            |          | SCALE: 2=1                                       |          |
|     |            |          | REV B  |          |
|     |            |          | SHEET 1 OF 1                                     |          |