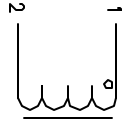


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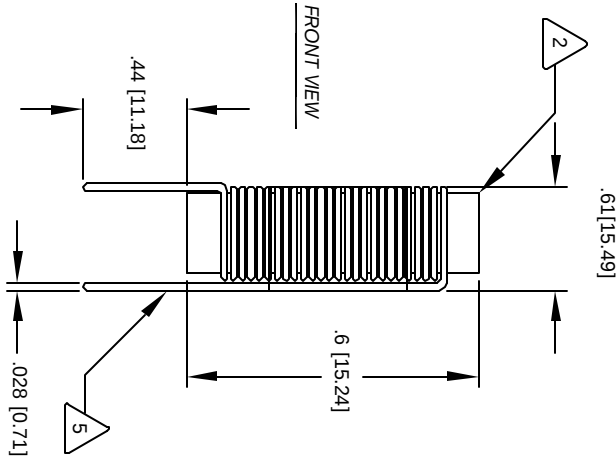
REVISION HISTORY

| REV | ECN | DESCRIPTION            | SIGN & DATE |         |         |
|-----|-----|------------------------|-------------|---------|---------|
|     |     |                        | BY          | DATE    | DATE    |
| A   |     | PRE-PRODUCTION RELEASE | TKK         | 4/10/04 | 4/12/04 |

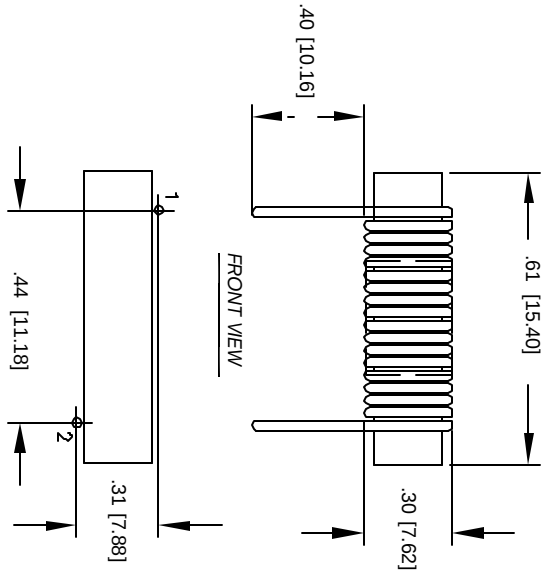
VERTICAL CONFIGURATION



SCHEMATIC



HORIZONTAL CONFIGURATION



LEADS MUST BE TANGENT TO THE CORE  
FLUSH WITH THE CORE EDGE, AS SHOWN  
REMOVE INSULATION AND TIN LEADS



WIND COILS EVENLY SPACED  
CONSTRUCTION:

HI-POT TEST FOR CORE TO WINDING = 500 VDC  
DCR = 16.1 MILLI-OHMS @ 25 °C  
L = 4.7 UH ± 20% , 1 KHZ, 0.25 Vrms, 0 ADC;



SPECIFICATIONS: MAX DC CURRENT = 2 AMPS

WIRE: UL RECOGNIZED 130° RATED MAGNET WIRE

CWS BYTEMARK OR OTHER APPROVED PART



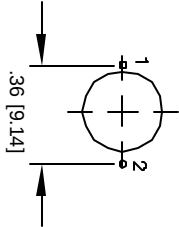
CORE: MANGANESE ZINC FERRITE ROD

RATING CLASS B (130°) REQUIRED

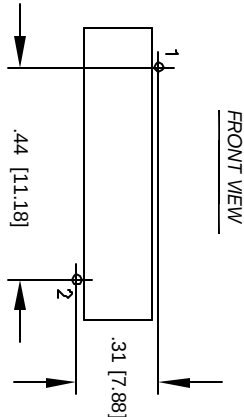
1 MATERIAL: WIRE INSULATION - UL RECOGNIZED 94V-0 FOR FLAMMABILITY

NOTES: UNLESS OTHERWISE SPECIFIED, POWER INDUCTOR,  
DIMENSIONS IN INCHES [MM]

MOUNTING HOLES PATTERN



MOUNTING HOLES PATTERN



| CODE       |         | MFG. P/N                                                                             | DESCRIPTION   | ITEM NO. |
|------------|---------|--------------------------------------------------------------------------------------|---------------|----------|
| IDENT      |         |                                                                                      |               |          |
| PARTS LIST |         |                                                                                      |               |          |
| AUTOCAD    | X       | CWS Coil Winding Specialist.<br>1510 E. Edinger Ave.<br>Unit B, Santa Ana, CA. 92705 |               |          |
| SOLIDWORKS |         |                                                                                      |               |          |
| SIGN       | DATE    |                                                                                      |               |          |
| DRAWN      | 4/10/04 |                                                                                      |               |          |
| CHKD       | 4/10/04 |                                                                                      |               |          |
| ENGR       | JLAU    | Power Chokes                                                                         |               |          |
| ENGR       | KSUN    | 4/10/04                                                                              | PCRC0615-4R7M |          |
| APPR.      | JLAU    | 4/12/04                                                                              |               |          |
| SCALE      |         | 2=1                                                                                  |               |          |
| SHEET 1    |         | OF 1                                                                                 | REV A         |          |

|                                                                                                      |         |
|------------------------------------------------------------------------------------------------------|---------|
| UNLESS OTHERWISE SPECIFIED                                                                           |         |
| DIMENSIONING AND TOLERANCING PER ANSI Y14.5M                                                         |         |
| ALL DIMENSIONS ARE IN INCHES AND DECIMALS THEREOF.                                                   |         |
| TOLERANCES (INCHES)                                                                                  |         |
| XXXX±.0001                                                                                           | XX±.015 |
| XXX±.0005                                                                                            | XX±.010 |
| XXX±.012                                                                                             | XX±.030 |
| ANGLE PROJECTION  |         |
| DO NOT SCALE DRAWING                                                                                 |         |