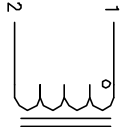


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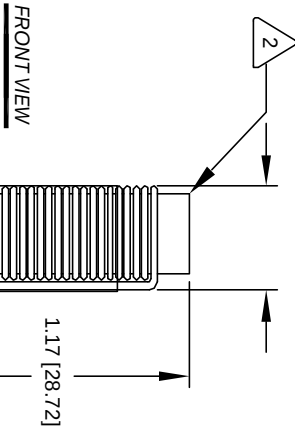
REVISION HISTORY

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

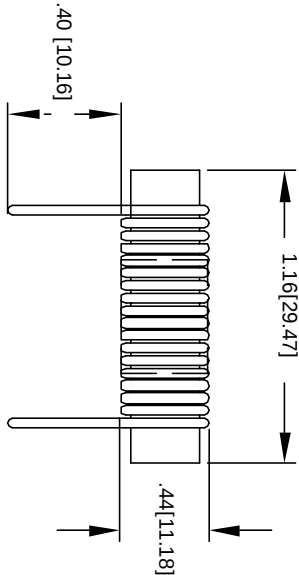
VERTICAL CONFIGURATION



.54 [13.72]



HORIZONTAL CONFIGURATION



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

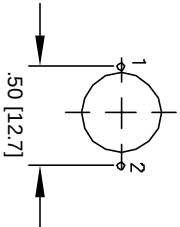
- WIND COILS EVENLY SPACED  
CONSTRUCTION:

- HI-POT TEST FOR CORE TO WINDING = 500 VDC  
DCR = 1.6 MILLI-OHMS @ 25 °C  
L = 1.0 UH ± 20% , 1 KHz, 0.25 Vrms, 0 ADC;  
SPECIFICATIONS: MAX DC CURRENT = 25 AMPS

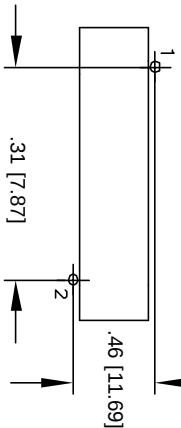
- WIRE: UL RECOGNIZED 130° RATED MAGNET WIRE  
CWS BYTEMARK OR OTHER APPROVED PART  
CORE: MANGANESE ZINC FERRITE ROD

- 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



| UNLESS OTHERWISE SPECIFIED                                                                     |                          |
|------------------------------------------------------------------------------------------------|--------------------------|
| DIMENSIONING AND TOLERANCE PER ANSI Y14.3M AND (MILLIMETERS)                                   |                          |
| ALL DIMENSIONS ARE IN INCHES AND (MILLIMETERS)                                                 |                          |
| TOLERANCE INCHES:<br>.XXX = ±.005 .XX = ±.010<br>TOLERANCE METRICS:<br>.XXX = ±.127 .XX = ±.25 | ± = ±0.50°<br>± = ±0.50° |
| ANGLE PROJECTION                                                                               |                          |
| DO NOT SCALE DRAWING                                                                           |                          |

| CODE                         | IDENT | MFG. P/N | DESCRIPTION | ITEM NO. |
|------------------------------|-------|----------|-------------|----------|
| PARTS LIST                   |       |          |             |          |
| AUTOCAD                      | X     |          |             |          |
| SOLIDWORKS                   |       |          |             |          |
| SIGN                         | DATE  |          |             |          |
| DRWN                         | TDK   | 4/10/04  |             |          |
| DESKD                        | JLAU  | 4/10/04  |             |          |
| ENGR.                        | KSUM  | 4/10/04  |             |          |
| APPR.                        | JLAU  | 4/12/04  |             |          |
| TITLE:                       |       |          |             |          |
| COILWS.COM, INC              |       |          |             |          |
| www.coilws.com               |       |          |             |          |
| CWS Coil Winding Specialist. |       |          |             |          |
| 1510 E. Edinger Ave          |       |          |             |          |
| Unit B, Santa Ana, CA. 92705 |       |          |             |          |
| Power Chokes                 |       |          |             |          |
| SIZE [MM, IN]                |       |          |             |          |
| B                            |       |          |             |          |
| PCRO830-1R0M                 |       |          |             |          |
| SCALE                        |       |          |             |          |
| 2=1                          |       |          |             |          |
| SHEET 1 OF 1                 |       |          |             |          |
| REV A                        |       |          |             |          |