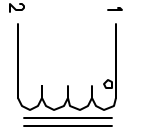


The information contained in this drawing is the sole property of CWS Coil Winding Specialist. Any reproduction in part or whole without written permission of CWS Coil Winding Specialist is prohibited.

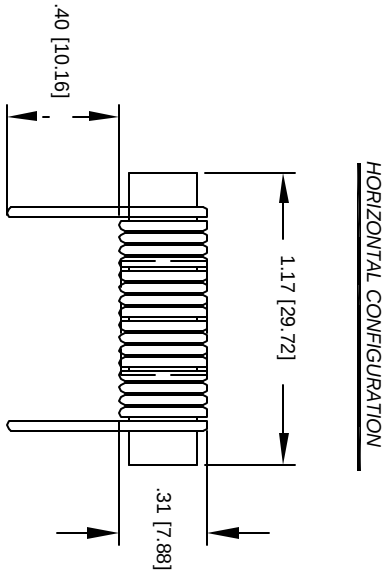
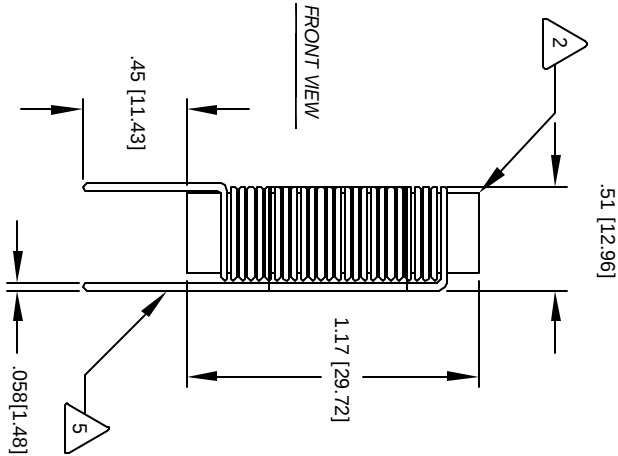
REVISION HISTORY

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

VERTICAL CONFIGURATION



SCHEMATIC

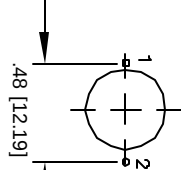


- LEADS MUST BE TANGENT TO THE CORE  
FLUSH WITH THE CORE EDGE, AS SHOWN
- REMOVE INSULATION AND TIN LEADS
- WIND COILS EVENLY SPACED
- CONSTRUCTION:  
HI-POT TEST FOR CORE TO WINDING = 750 VDC  
DCR = 8.5 MILLI-OHMS @ 25 °C  
L = 8.2 UH ± 20% , 1 KHZ, 0.25 Vrms, 0 ADC,  
SPECIFICATIONS: MAX DC CURRENT = 13 AMPS

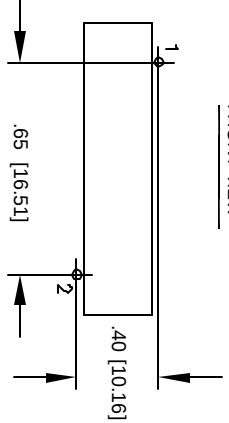
WIRE: UL RECOGNIZED 130° RATED MAGNET WIRE  
CWS BYTEMARK OR OTHER APPROVED PART  
CORE: MANGANESE ZINC FERRITE ROD

RATING CLASS B (130°) REQUIRED  
MATERIAL: WIRE INSULATION - UL RECOGNIZED 94V-0 FOR FLAMMABILITY  
NOTES: UNLESS OTHERWISE SPECIFIED, POWER INDUCTOR.

MOUNTING HOLES PATTERN



MOUNTING HOLES PATTERN



| CODE       |  | MFG. P/N |  | DESCRIPTION                  |  | ITEM NO. |
|------------|--|----------|--|------------------------------|--|----------|
| AUTOCAD    |  | X        |  | PARTS LIST                   |  |          |
| SOLIDWORKS |  |          |  | CWS Coil Winding Specialist. |  |          |
| SIGN       |  | DATE     |  | WWW.COILWS.COM               |  |          |
| DRAWN      |  | 4/10/04  |  | 1510 E. Edinger Ave.         |  |          |
| CHKD       |  | 4/10/04  |  | Unit B, Santa Ana, CA. 92705 |  |          |
| ENGR.      |  | 4/10/04  |  | Power Chokes                 |  |          |
| APPR.      |  | 4/12/04  |  | SIZE DIM. IN.                |  |          |
| JLU        |  |          |  | B                            |  |          |
|            |  |          |  | PCR-0830-8R2M                |  |          |
|            |  |          |  | SCALE                        |  |          |
|            |  |          |  | 2=1                          |  |          |
|            |  |          |  | SHEET 1 OF 1                 |  |          |