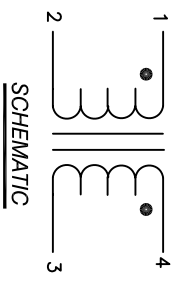


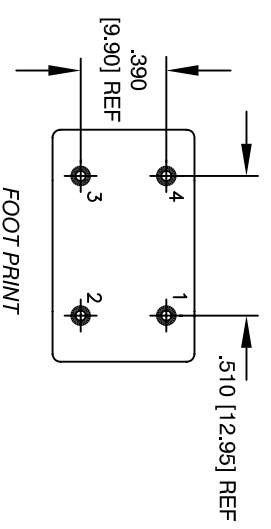
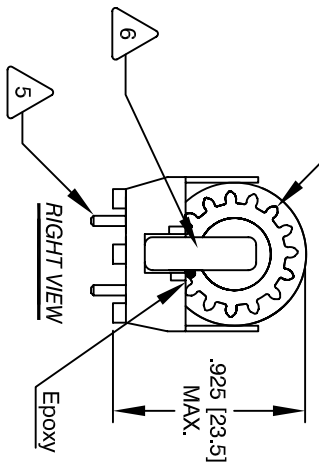
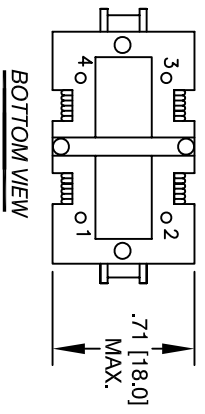
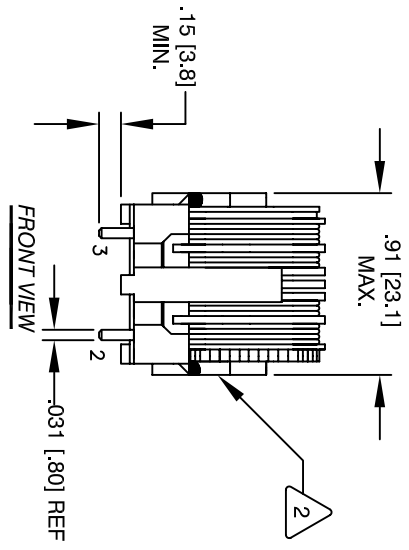
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- 6 WHERE SHOWN.  
MARK PART NUMBER AND REVISION APPROX
- 5 REMOVE INSULATION AND SOLDER TO BOBBIN LEADS  
USE EPOXY TO HOLD BASE, CORE AND BOBBIN TOGETHER  
WIND BOTH COILS EVENLY SPACED ON BOBBIN
- 4 CONSTRUCTION:

INSURE INTERGRITY OF WINDING SEPARATION  
HI-POT TEST FOR INTERWINDING ISOLATION, 1250VDC TO  
WEIGHT = ~ 13 GRAMS  
SRF ~ 1.00 MHZ TYP  
IMPEDANCE = 14.29 KΩ NOM @ 1.0 MHZ TYP  
INTERWINDING CAPACITANCE = 5.2 pF TYP @ 10 KHZ.  
LEAKAGE INDUCTANCE = 58 uH TYP @ 10KHZ, 0.25 Vrms.  
DCR = 0.25 OHMS MAX  
CURRENT RATING = 1.00A  
L = 2.50 mH MIN @ 10 KHZ, 0.250 Vrms;  
SPECIFICATIONS @ 25 °C

- 3 WIRE: UL RECOGNIZED 130° RATED MAGNET WIRE  
CWS BYTEMARK OR OTHER APPROVED PART  
CORE: FERRITE CORE
- 2 BOBBIN RATING CLASS B (130°) REQUIRED  
MATERIAL: UL RECOGNIZED 94V-0 FOR FLAMMABILITY
- 1 NOTES: UNLESS OTHERWISE SPECIFIED.



| REVISION HISTORY |        | SIGN & DATE                       |     |         |      |         |
|------------------|--------|-----------------------------------|-----|---------|------|---------|
| REV              | ECN    | DESCRIPTION                       | BY  | DATE    | CHK  | DATE    |
| A                |        | PRODUCTION RELEASE                | RPR | 6/07/04 | JLJU | 6/07/04 |
| B                | 130718 | FIX TYPO, ADD EPOXY AND MORE INFO | AK  | 7/18/13 | BO   | 7/18/13 |

| QTY                            | UM       | CODE IDENT | MFG. P/N | DESCRIPTION                  | ITEM NO. |
|--------------------------------|----------|------------|----------|------------------------------|----------|
| PARTS LIST                     |          |            |          |                              |          |
|                                |          |            |          | <b>COILWS.COM, INC</b>       |          |
|                                |          |            |          | www.coilws.com               |          |
|                                |          |            |          | CWS Coil Winding Specialist. |          |
|                                |          |            |          | 353 W. GROVE AVENUE          |          |
|                                |          |            |          | ORANGE, CA. 92865            |          |
| TITLE: Common Mode Line Filter |          |            |          |                              |          |
| Vertical Mount                 |          |            |          |                              |          |
| SIZE                           | DMG. NO. | SCALE      | REV      |                              |          |
| B                              | 20V-2K5  | B          | B        |                              |          |

UNLESS OTHERWISE SPECIFIED  
DIMENSIONING AND TOLERANCE PER ANSI Y14.5M AND [MILLIMETERS].  
TOLERANCE INCHES: .015  
TOLERANCE METRICS: .015  
ANGLE PROJECTION

DO NOT SCALE DRAWING