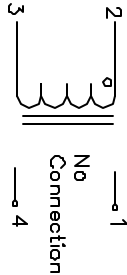
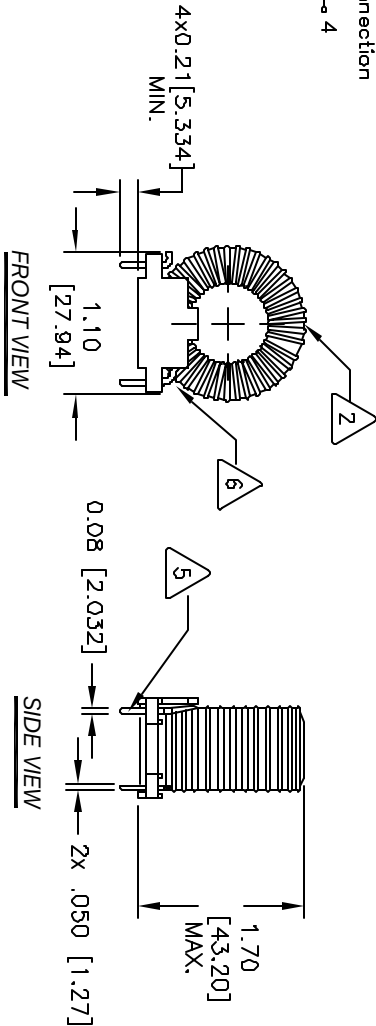


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| REVISION HISTORY |     |                    |             |         |     |
|------------------|-----|--------------------|-------------|---------|-----|
| REV              | ECN | DESCRIPTION        | SIGN & DATE |         |     |
|                  |     |                    | BY          | DATE    | CHK |
| A                |     | PRODUCTION RELEASE | RLU         | 2/11/05 | JLW |
|                  |     |                    |             | 2/11/05 |     |



SCHEMATIC



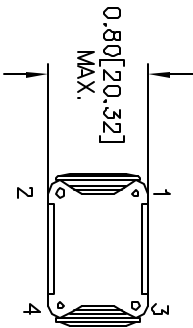
- WHERE SHOWN  
IF APPLICABLE, MARK PART NUMBER AND REVISION  
6 APPLY EPOXY TO SECURE COIL TO BOBBIN.

- 5 INSERT THROUGH BOBBIN AS OUTPUT LEADS  
REMOVE WIRE INSULATION AND  
WIND COILS EVENLY SPACED  
4 CONSTRUCTION:

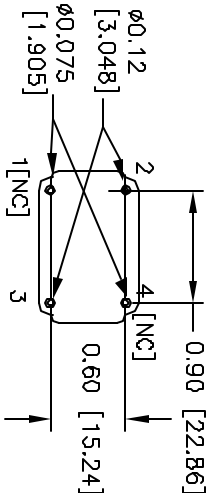
- INDUCTANCE AT RATED CURRENT = 15.0uH  
MAX. TEMP RISE AT RATED CURRENT = 28°C  
RATED CURRENT MAX. = 12.0 AMPS DC  
DCR = 8.8 MILLI-OHMS MAX  
INDUCTANCE @ 0 ADC = 20.0uH±10%; 15.7KHz; 0.250 Vrms  
3 SPECIFICATIONS @ 25°C:

- WIRE: UL RECOGNIZED 155°C OR 200°C RATED MAGNET WIRE  
CWSBTEMARK OR OTHER APPROVED PART  
2 CORE: COATED IRON POWDER TOROID

- RATING CLASS B (130°) REQUIRED  
1. MATERIAL: UL RECOGNIZED 94V-0 FLAMMABILITY FOR BOBBIN  
NOTES: UNLESS OTHERWISE SPECIFIED, READ FROM BOTTOM UP.



BOTTOM VIEW



MOUNTING HOLES PATTERN

| CODE                         | IDENT | MFG. P/N    | DESCRIPTION | ITEM NO. |
|------------------------------|-------|-------------|-------------|----------|
| PARTS LIST                   |       |             |             |          |
| AUTOCAD                      | X     |             |             |          |
| SOLIDWORKS                   |       |             |             |          |
| SIGN                         | DATE  |             |             |          |
| DRWN                         | RLU   | 2/11/05     |             |          |
| CHKD                         | JLW   | 2/11/05     |             |          |
| ENGR                         | JLW   | 2/11/05     |             |          |
| APPR.                        | KKSJM | 2/11/05     |             |          |
| TITLE:                       |       | SIZE        | DATE        | REV      |
| COIL WS COM, INC             |       | B           | 12.0 Amps   | A        |
| WWW.COILWS.COM               |       | OPC-2-20-12 |             |          |
| CWS Coil Winding Specialist. |       |             |             |          |
| 1510 E. Edinger Ave.         |       |             |             |          |
| Unit B, Santa Ana, CA. 92705 |       |             |             |          |
| SCALE                        |       | 1=1         | SHEET       | 1 OF 1   |