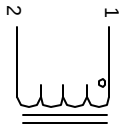


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| REVISION HISTORY |     |                    |             |         |     |
|------------------|-----|--------------------|-------------|---------|-----|
| REV              | ECN | DESCRIPTION        | SIGN & DATE |         |     |
|                  |     |                    | BY          | DATE    | CHK |
| B                |     | PRODUCTION RELEASE | RRR         | 9/20/04 | JLU |



SCHEMATIC

ON TOP OF COVER  
IF APPLICABLE, MARK PART NUMBER

TINNED TERMINALS

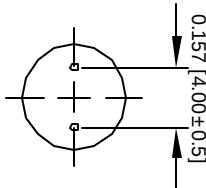
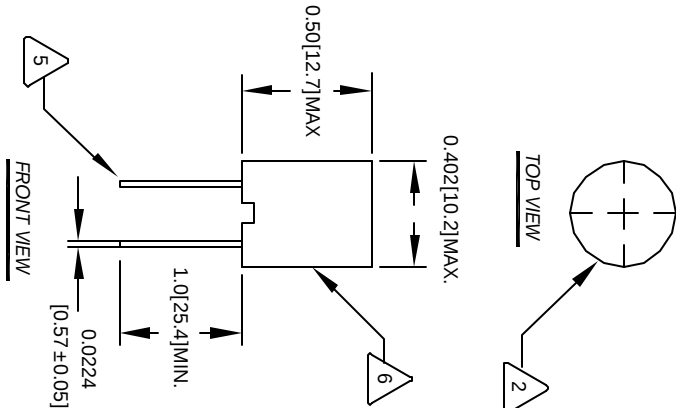
TERMINAL TENSILE STRENGTH = 2.5 KG MIN.  
INSTALL COVER AND ENCAPSULATE WITH EPOXY  
TERMINATED LEAD SOLDERED TO TERMINAL PINS  
WIND WIRE TO CORE, EVENLY SPACED  
CONSTRUCTION:

MIN. Q = 80  
MAX DC RESISTANCE = 34.0 OHMS  
WINDING WIRE SIZE = 0.08 MM  
L = 10.0 mH ± 10 %, 79.6 KHZ  
OPERATING TEMP = -20 °C TO +100 °C  
MAX TEMP. RISE = 20 °C  
SPECIFICATIONS:

EPOXY: 2 PART HIGH TEMP.  
OUTER JACKET: .94V-0 INSULATOR  
WIRE: UL RECOGNIZED 130 °C RATED MAGNET WIRE  
CWS BYTEMARK OR OTHER APPROVED PART  
CORE: POWER FERRITE DRUM CORE

BOBBIN RATING CLASS B (130°C) REQUIRED  
1 MATERIAL: UL RECOGNIZED 94V-0 FOR FLAMMABILITY

NOTES: UNLESS OTHERWISE SPECIFIED.



MOUNTING HOLES PATTERN

| QTY                        |  | CODE    | MFG. P/N                     | DESCRIPTION | ITEM NO.     |
|----------------------------|--|---------|------------------------------|-------------|--------------|
|                            |  | IDENT   |                              |             |              |
| PARTS LIST                 |  |         |                              |             |              |
| AUTOCAD                    |  | X       | CWS Coil Winding Specialist. |             |              |
| SOLIDWORKS                 |  |         | 1510 E. Edinger Ave.         |             |              |
| SIGN                       |  | DATE    | Unit B, Santa Ana, CA. 92705 |             |              |
| TITLE:                     |  |         |                              |             |              |
| Potted Radial Power Chokes |  |         |                              |             |              |
| DRAWN                      |  | 9/20/04 | SIZE: DIM. IN.<br>B          |             |              |
| CHECKED                    |  | 9/20/04 |                              |             |              |
| ENGR.                      |  | 9/20/04 |                              |             |              |
| APPR.                      |  | 9/20/04 |                              |             |              |
| JLU                        |  |         | M1012-103K                   |             |              |
| DO NOT SCALE DRAWING       |  | SCALE   | 2=1                          |             | SHEET 1 OF 1 |