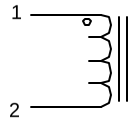
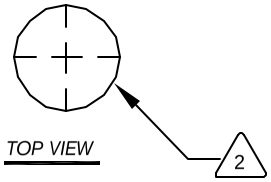
The information contained in this drawing is the sole property of CWS Coil Winding Specialist.
Any reproduction in part or whole without written permission of CWS Coil Winding Specialist is prohibited.

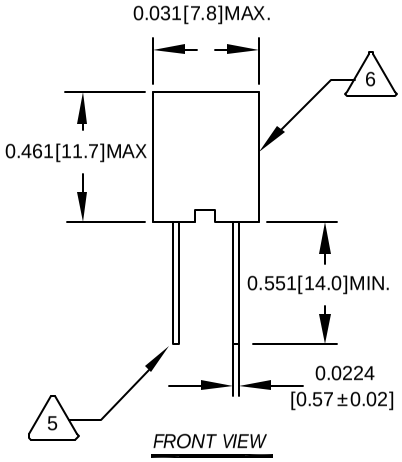
REVISION HISTORY						
REV	ECN	DESCRIPTION	SIGN & DATE			
			BY	DATE	CHK	DATE
B		PRODUCTION RELEASE	RPR	9/20/04	JLAU	9/20/04



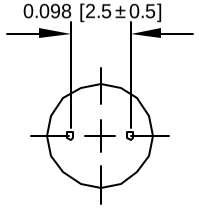
SCHEMATIC



TOP VIEW



FRONT VIEW



MOUTING HOLES PATTERN

6 ON TOP OF COVER
IF APPLICABLE, MARK PART NUMBER

5 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

4 CONSTRUCTION:

MIN. Q = 50
MAX DC RESISTANCE = 2.0 OHMS
WINDING WIRE SIZE = 0.14 MM
L = 220.0 mH ± 10 %, 79.6 KHZ
OPERATING TEMP = -20 °C TO +100 °C
MAX TEMP. RISE = 20 °C

3 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

2 CORE: POWER FERRITE DRUM CORE

BOBBIN RATING CLASS B (130°C) REQUIRED

1 MATERIAL: UL RECOGNIZED 94V-0 FOR FLAMMABILITY

NOTES: UNLESS OTHERWISE SPECIFIED.

QTY	CODE IDENT	MFG. P/N	DESCRIPTION	ITEM NO.

PARTS LIST

AUTOCAD		X
SOLIDWORKS		
SIGN		DATE
DRAWN	RPR	9/20/04
CHECK	JLAU	9/20/04
ENGR.	KSUM	9/20/04
APPR.	JLAU	9/20/04

UNLESS OTHERWISE SPECIFIED
DIMENSIONING AND TOLERANCE PER ANSI Y14.5M
ALL DIMENSIONS ARE IN INCHES AND [MILIMETERS].
TOLERANCE INCHES: .XXX=±.010 .XX=±.020 ∠=±0°30'
TOLERANCE METRICS: .XXX=±.254 .XX=±.51 ∠=±0°30'
ANGLE PROJECTION
DO NOT SCALE DRAWING

COILWS COM, INC
www.coilws.com
CWS Coil Winding Specialist.
1510 E. Edinger Ave.
Unit B. Santa Ana, CA. 92705

TITLE: Potted Radial Power Chokes

SIZE B | DWG. NO. M0711-221K | REV B

SCALE 2=1 | SHEET 1 OF 1

CAD-FILE: