

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	DATE	BY	DATE
A		PRODUCTION RELEASE	9/08/04	JLUU	9/08/04



SCHEMATIC

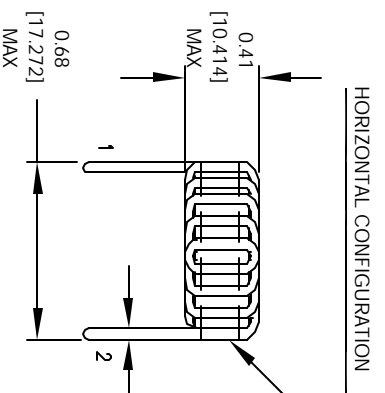
6 WHERE SHOWN, USING A PERMANENT MARKING METHOD IF APPLICABLE, MARK PART NUMBER AND REVISION

5 FLUSH WITH THE COIL EDGE, AS SHOWN REMOVE INSULATION AND TIN LEADS APPROX. 0.25 INCH

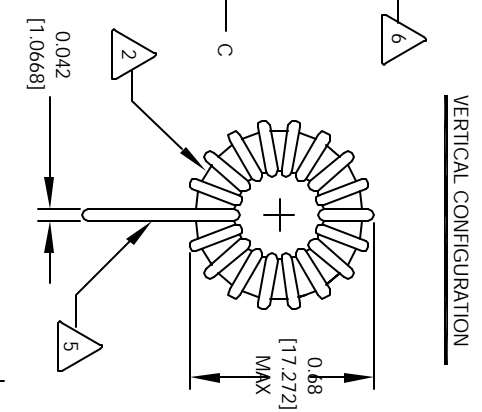
4 WIND WIRE TO CORE EVENLY SPACED CONSTRUCTION:

3 HI-POT TEST FOR WIRE TO CORE = 500 VDC  
 INDUCTANCE @ ± 20% RATED CURRENT = 3.0 uH  
 DC CURRENT RATING = 10.5 AMPS MAX  
 DCR = 5.9 MILLI-OHMS, MAX  
 INDUCTANCE @ 0 AMPS = 3.9 uH, ± 20%, 1 KHZ., 0.25 Vrms  
 SPECIFICATIONS @ 25 °C

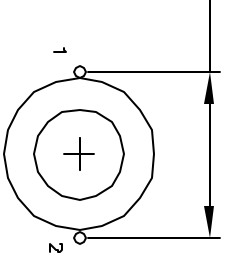
2 WIRE: UL RECOGNIZED 130°C RATED MAGNET WIRE  
 CORE: COATED MICROMETAL IRON POWDER  
 CORE COATING RATING CLASS B (130°) REQUIRED  
 MATERIAL: UL RECOGNIZED 94V-0 FOR FLAMMABILITY  
 NOTES: UNLESS OTHERWISE SPECIFIED, TOROIDAL INDUCTOR



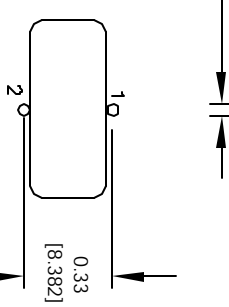
HORIZONTAL CONFIGURATION



VERTICAL CONFIGURATION



MOUNTING HOLES PATTERN



MOUNTING HOLES PATTERN

CODE IDENT	MFG. P/N	DESCRIPTION	ITEM NO.
		<b>PARTS LIST</b>	
AUTOCAD	X		
SOLIDWORKS			
UNLESS OTHERWISE SPECIFIED			
TOLERANCING AND TOLERANCE PER ANSI Y14.5M			
ALL DIMENSIONS ARE IN NOTES AND DIMENSIONS ARE IN NOTES			
TOLERANCE INCHES	±.0030		
TOLERANCE METERS	±.0750		
UNLESS OTHERWISE SPECIFIED			
ANGLE PROJECTION			
DO NOT SCALE DRAWING			

DRAWN	DATE	APPR.	DATE
RRR	6/08/04	JLUU	9/08/04
DRG	6/08/04		
CHK	6/08/04		
APPR.	6/08/04		

SIZE	SCALE	SHEET	OF
B	2=1	1	1

High Current Toroidal Inductors  
 Vertical & Horizontal

CWS Coil Winding Specialist  
 1510 E. Edinger Ave.  
 Unit B, Santa Ana, CA 92705  
 WWW.COWS.COM

J20-3R9V