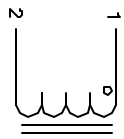


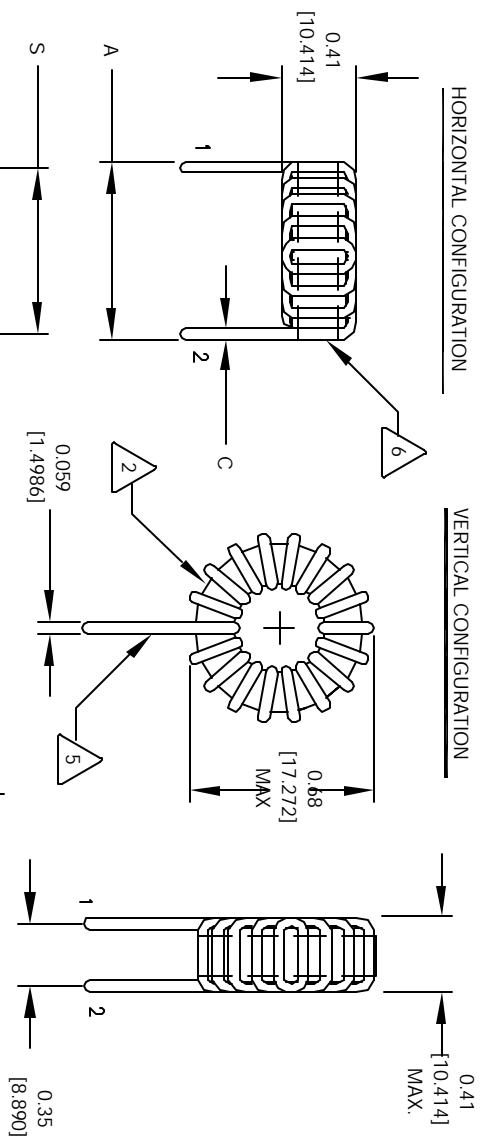
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REVISION HISTORY

REV	ECN	DESCRIPTION	DATE	BY	CHK
A		PRODUCTION RELEASE	9/08/04	JLU	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 = 0.62 uH
DC CURRENT RATING = 21.1 AMPS MAX
DCR = 1.4 MILLI-OHMS, MAX
INDUCTANCE @ 0 AMPS = 0.8 uH, ± 20%, 1 KHZ., 0.25 Vrms
SPECIFICATIONS @ 25 °C

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

UNLESS OTHERWISE SPECIFIED	UNLESS OTHERWISE SPECIFIED
TOLERANCE PER ANSI Y14.5M	TOLERANCE PER ANSI Y14.5M
ALL DIMENSIONS ARE IN INCHES AND (MILLIMETERS)	ALL DIMENSIONS ARE IN INCHES AND (MILLIMETERS)
TOLERANCE INCHES	TOLERANCE METERS
XXXX-XXXX .XX±.015	XXXX-XXXX .XX±.015
XXXX-XXXX .XX±.030	XXXX-XXXX .XX±.030
XXXX-XXXX .XX±.050	XXXX-XXXX .XX±.050
XXXX-XXXX .XX±.075	XXXX-XXXX .XX±.075
XXXX-XXXX .XX±.100	XXXX-XXXX .XX±.100
XXXX-XXXX .XX±.127	XXXX-XXXX .XX±.127
ANGLE PROJECTION	ANGLE PROJECTION
DO NOT SCALE DRAWING	DO NOT SCALE DRAWING

CODE IDENT	MFG. P/N	DESCRIPTION	ITEM NO.
AUTOCAD	X		
SOLIDWORKS			
SIGN	DATE	PARTS LIST	
DRAWN	6/08/04	CWS Coil Winding Specialist.	
CHKD	6/08/04	WWW.COWS.COM	
ENGR	6/08/04	1510 E. Edinger Ave.	
APPR	6/08/04	Unit B, Santa Ana, CA 92705	
JLU		TITLE: High Current Toroidal Inductors	
		Vertical & Horizontal	
		SIZE: DIM. IN.	REV A
		B	
		SCALE: 2=1	
		SHEET 1 OF 1	