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REVISION HISTORY

REV	ECN	DESCRIPTION	DATE	BY	CHK	DATE
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

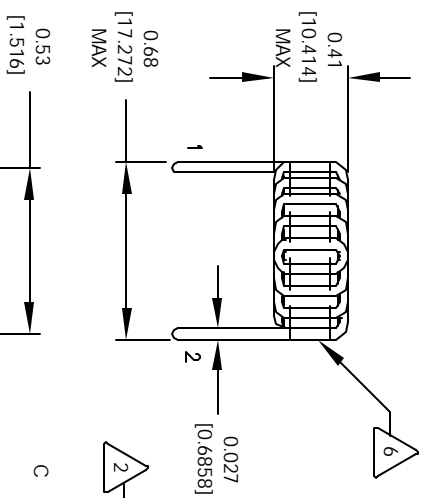
4 WIND WIRE TO CORE EVENLY SPACED CONSTRUCTION:

3 HI-POT TEST FOR WIRE TO CORE = 500 VDC
 INDUCTANCE @ ± 15% RATED CURRENT = 14.5 uH
 DC CURRENT RATING = 4.5 AMPS MAX
 DCR = 32.0 MILLI-OHMS, MAX
 INDUCTANCE @ 0 AMPS = 18.0 uH, ± 15% , 1 KHZ., 0.25 Vrms
 SPECIFICATIONS @ 25 °C

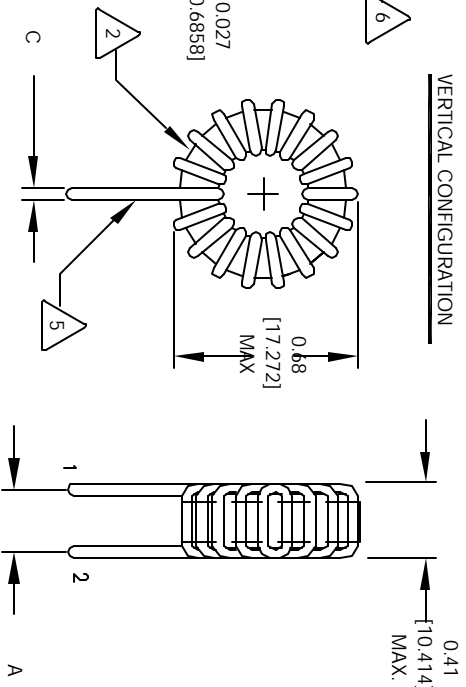
2 WIRE: UL RECOGNIZED 130°C RATED MAGNET WIRE
 CORE: COATED MICROMETAL IRON POWDER

1 CORE COATING RATING CLASS B (130°) REQUIRED
 MATERIAL: UL RECOGNIZED 94V-0 FOR FLAMMABILITY
 NOTES: UNLESS OTHERWISE SPECIFIED, TOROIDAL INDUCTOR

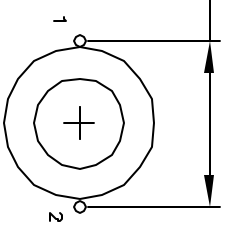
HORIZONTAL CONFIGURATION



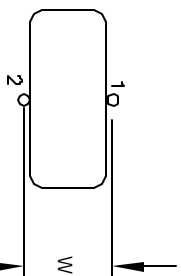
VERTICAL CONFIGURATION



MOUNTING HOLES PATTERN



MOUNTING HOLES PATTERN



CODE IDENT	MFG. P/N	DESCRIPTION	ITEM NO.
		PARTS LIST	
AUTOCAD SIGN	X	CWS Coil Winding Specialist.	
SOLIDWORKS SIGN		1510 E. Edinger Ave.	
		www.cotlws.com	
		Unit B, Santa Ana, CA, 92705	
DATE	DATE	TITLE:	
6/08/04	6/08/04	High Current Toroidal Inductors	
6/08/04	6/08/04	Vertical & Horizontal	
6/08/04	6/08/04	SIZE DIM. IN.	REV
6/08/04	6/08/04	B	A
SCALE	2=1	J20-180H	
		SHEET 1 OF 1	