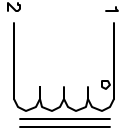


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REVISION HISTORY

REV	ECN	DESCRIPTION	SIGN & DATE			
			BY	DATE	CWK	DATE
A		PRODUCTION RELEASE	RFR	6/08/04	JLU	8/08/04



SCHEMATIC

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

FLUSH WITH THE COIL EDGE, AS SHOWN
REMOVE INSULATION AND TIN LEADS APPROX. 0.5 INCH

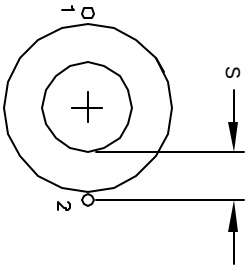
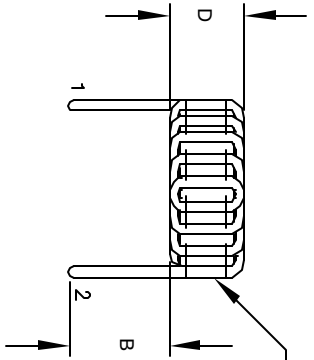
WIND WIRE TO CORE EVENLY SPACED
CONSTRUCTION:

WEIGHT = 19.5 GRAMS
HI-POT TEST FOR WIRE TO CORE = 500 VDC
INDUCTANCE @ RATED CURRENT = 398.00 uH
DC CURRENT RATING = 1.0 AMPS MAX
DCR = 253.0 MILLI-OHMS, MAX
INDUCTANCE @ 0 AMPS = 470.0 uH, ± 20%, 1 KHZ., 0.25 VRMS
SPECIFICATIONS @ 25 °C

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

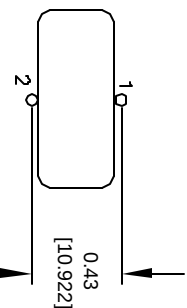
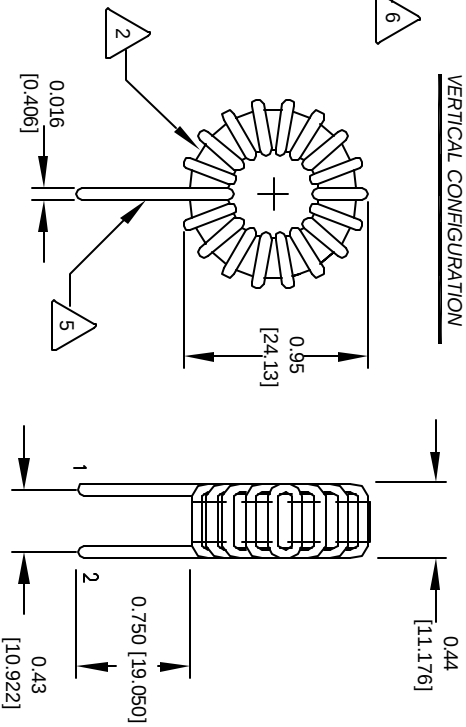
CORE COATING: RATING CLASS B (130°) REQUIRED
MATERIAL: UL RECOGNIZED 94V-0 FOR FLAMMABILITY
NOTES: UNLESS OTHERWISE SPECIFIED, TOROIDAL INDUCTOR

HORIZONTAL CONFIGURATION



MOUNTING HOLES PATTERN

VERTICAL CONFIGURATION



MOUNTING HOLES PATTERN

CODE		MFG. P/N	DESCRIPTION	ITEM NO.
IDENT				
PARTS LIST				
AUTOCAD		X	CWS Coil Winding Specialist. 1510 E. Edinger Ave. Unit B, Santa Ana, CA 92705	
SOLIDWORKS				
SIGN		DATE		
DRAWN		6/08/04		
CHKD		6/08/04		
ENGR		6/08/04	Power Toroidal Inductors Vertical & Horizontal	
APPR		6/08/04		
JLU		6/08/04		
SIZE		DWG. NO.		
B		TC-471M-1A-90.DWG		
SCALE		2=1	REV A	
SHEET 1 OF 1				

UNLESS OTHERWISE SPECIFIED	
PAPER SIZE AND TOLERANCE PER ANSI Y14.5M	
ALL DIMENSIONS ARE IN INCHES AND (UNLESS NOTED)	
TOLERANCE (INCHES)	±.0030
XX=.0001 XX=.015	
TOLERANCE (MILLIMETERS)	±.075
XX=.127 XX=.381	
ANGLE PROJECTION 	
DO NOT SCALE DRAWING	