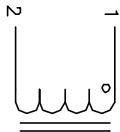


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SCHEMATIC

7 BUILT TO ROHS COMPLIANCE AND LEAD FREE.

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. 0.75 INCH

4 WIND WIRE TO CORE EVENLY SPACED
CONSTRUCTION:

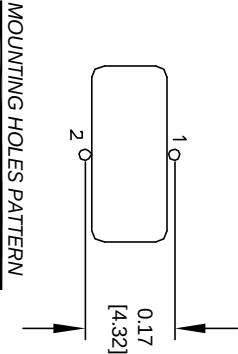
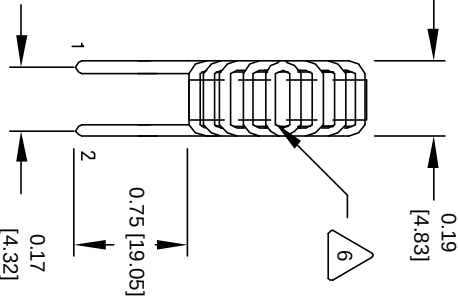
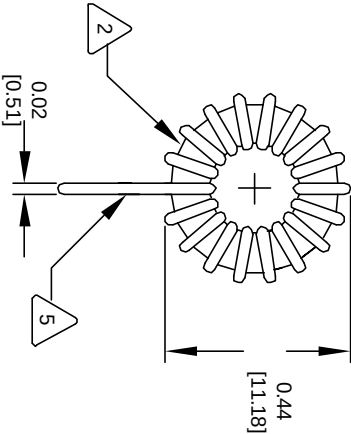
WEIGHT = 1.8 GRAMS
HI-POT TEST FOR WIRE TO CORE = 500 VDC
INDUCTANCE @ RATED CURRENT = 22.0 uH
DC CURRENT RATING = 1.0 AMPS MAX
DCR = 47 MILLI-OHMS, MAX
INDUCTANCE @ 0 AMPS = 24.0 uH, $\pm 20\%$, 1 KHz., 0.25 Vrms
SPECIFICATIONS @ 25 °C

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

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

REVISION HISTORY					
REV	ECN	DESCRIPTION	SIGN & DATE		
			BY	DATE	CHK
C		PRODUCTION RELEASE	RPR	6/20/06	JLU

VERTICAL CONFIGURATION



MOUNTING HOLES PATTERN

CODE		MFG. P/N	DESCRIPTION	ITEM NO.	
IDENT					
PARTS LIST					
AUTOCAD	X	CWS Coil Winding Specialist. 353 W. GROVE AVENUE ORANGE, CA. 92665			
SOLIDWORKS					
SIGN	DATE				
DRAWN	6/20/06				
RPR	6/20/06				
CHECKED	JLU	6/20/06	TITLE: Power Toroidal Inductors Vertical Mount		
ENGR.	KSUM	6/20/06			
APPR.	JLU	6/20/06			
SCALE		2 = 1			
SHEET		1 OF 1			
DO NOT SCALE DRAWING					

UNLESS OTHERWISE SPECIFIED		DIMENSIONING AND TOLERANCE PER ANSI Y14.2M AND (DIMENSIONS)	
ALL DIMENSIONS ARE IN INCHES		TOLERANCE INCHES: .XXX = ±0.05, .XX = ±0.10	
TOLERANCE METRIC: .XXX = ±1.27, .XX = ±2.54		ANGLE PROJECTION	
		DO NOT SCALE DRAWING	

TITLE		SIZE		REV
Power Toroidal Inductors		B		
Vertical Mount		TC-240M-1A-37V		C

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www.coliws.com		ORANGE, CA. 92665	