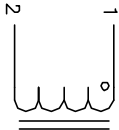


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SCHEMATIC

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:

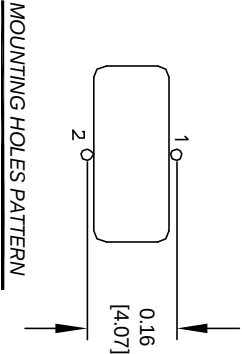
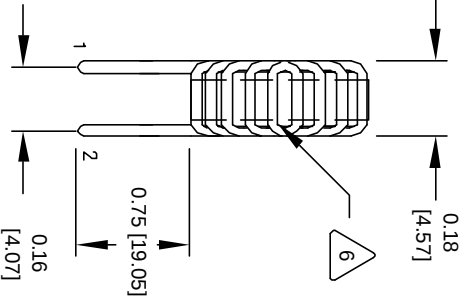
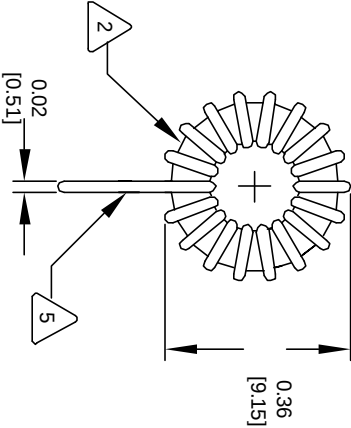
WEIGHT = 1.4 GRAMS
HI-POT TEST FOR WIRE TO CORE = 500 VDC
INDUCTANCE @ RATED CURRENT = 33.7 uH
DC CURRENT RATING = 0.5 AMPS MAX
DCR = 110 MILLI-OHMS, MAX
INDUCTANCE @ 0 AMPS = 37.0 uH, ± 20% , 1 KHz., 0.25 Vrms
SPECIFICATIONS @ 25 °C

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	DATE
C		PRODUCTION RELEASE	RPR	6/20/06	6/20/06

VERTICAL CONFIGURATION



MOUNTING HOLES PATTERN

CODE		MFG. P/N	DESCRIPTION	ITEM NO.
IDENT				
PARTS LIST				
AUTOCAD		X		
SOLIDWORKS				
SIGN		DATE		
DRAWN	RPR	6/20/06		
CHECKED	JLAU	6/20/06		
TITLE: Power Toroidal Inductors Vertical Mount				
ENGR.	KSUM	6/20/06		
APPR.	JLAU	6/20/06		
SCALE		2=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 = ±.005 .XX = ±.010 .X = ±.030	
TOLERANCE METRCS: .XXX = ±.127 .XX = ±.254 .X = ±.076		ANGLE PROJECTION	
		DO NOT SCALE DRAWING	

TITLE		SIZE		PWB. NO.		REV	
COILWS.COM, INC		B		TC-370M-0.5A-30V		C	
WWW.COILWS.COM		2=1					

CWS Coil Winding Specialist.		353 W. GROVE AVENUE		ORANGE, CA. 92665	
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