

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 REMOVE INSULATION AND TIN LEADS APPROX. 0.75 INCH**

- 4 WIND WIRE TO CORE EVENLY SPACED CONSTRUCTION:

WEIGHT = 14.8 GRAMS

HI-POT TEST FOR WIRE TO CORE = 500 VDC
INDUCTANCE @ RATED CURRENT = 53.0 uH

DC CURRENT RATING = 5.0 AMPS MAX

DCR = 38 MILLI-OHMS, MAX

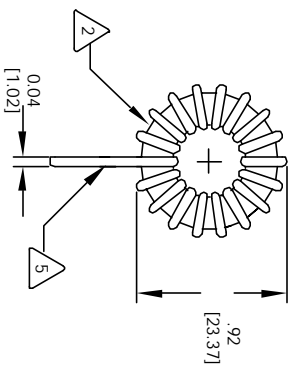
INDUCTANCE @ 0 AMPS = 100.0 uH, \pm 20%, 1 KHz., 0.25 Vrms
3 SPECIFICATIONS @ 25 °C

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

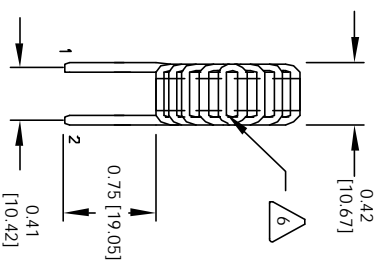
CORE COATING RATING CLASS B (130°) REQUIRED

1 MATERIAL: UL RECOGNIZED 94V-0 FOR FLAMMABILITY

NOTES: UNLESS OTHERWISE SPECIFIED, TOROIDAL INDUCTOR
READ FROM BOTTOM UP.



VERTICAL CONFIGURATION



MOUNTING HOLES PATTERN

REVISION HISTORY						
REV	ECN	DESCRIPTION	BY & DATE			
			BY	DATE	CHK	DATE
2		PRODUCTION RELEASE	JEH	6/20/06	JLU	8/20/06

CODE		MFG. P/N	DESCRIPTION	ITEM NO.
IDENT				
PARTS LIST				
AUTOCAD		X		
SOLIDWORKS				
SIGN		DATE	COWS Coil Winding Specialist, 303 W. GROVE AVENUE ORANGE, CA 92665	
DRAWN		6/20/06	TITLE: Power Toroidal Inductors Vertical Mount	
RPR		6/20/06		
JLUJ		6/20/06		
ENR		6/20/06		
KSLIM		6/20/06		
SIZE		DATE	REV	
B		TC-101M-5A-80V	C	
SCALE		2=1	SHEET 1 OF 1	

DIMENSIONING AND TOLERANCE PER ANSI Y14.4M	
ALL DIMENSIONS ARE IN INCHES AND (UNLESS SPECIFIED)	
TOLERANCE NOTICES	
UNLESS OTHERWISE SPECIFIED	
TOLERANCE NOTES	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	
TOLERANCE METHOD	