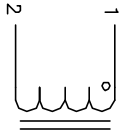


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SCHEMATIC

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

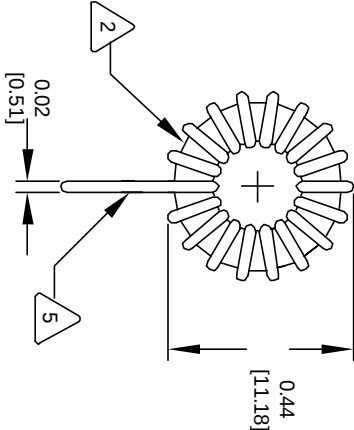
4 WIND WIRE TO CORE EVENLY SPACED
CONSTRUCTION:

WEIGHT = 1.9 GRAMS
HI-POT TEST FOR WIRE TO CORE = 500 VDC
INDUCTANCE @ RATED CURRENT = 53.0 uH
DC CURRENT RATING = 1.0 AMPS MAX
DCR = 108 MILLI-OHMS, MAX
INDUCTANCE @ 0 AMPS = 68.0 uH, $\pm 20\%$, 1 KHz., 0.25 Vrms
SPECIFICATIONS @ 25 °C

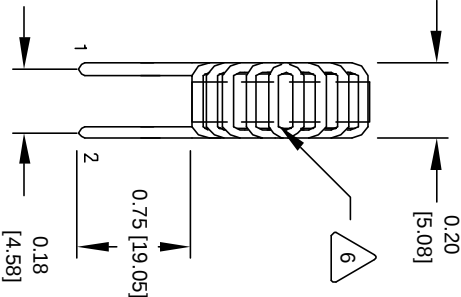
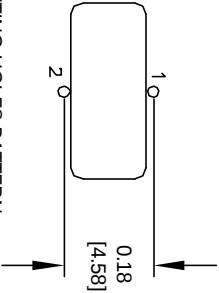
3 WIRE: UL RECOGNIZED 130°C RATED MAGNET WIRE
CORE: COATED IRON POWDER

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.

VERTICAL CONFIGURATION



MOUNTING HOLES PATTERN



REVISION HISTORY					
REV	ECN	DESCRIPTION	SIGN & DATE		
			BY	DATE	CHK
C		PRODUCTION RELEASE	RPR	6/22/06	JLAU

CODE		MFG. P/N	DESCRIPTION	ITEM NO.
IDENT				
PARTS LIST				
AUTOCAD	X	CWS Coil Winding Specialist. 353 W. GROVE AVENUE ORANGE, CA. 92865		
SOLIDWORKS				
SIGN	DATE			
TITLE:		Power Toroidal Inductors Vertical Mount		
DRAWN	RPR	6/22/06		
CHECKED	JLAU	6/22/06		
ENGR.	KSUM	6/22/06		
APPR.	JLAU	6/22/06		
SIZE		DWG. NO.		REV
B		TC-680M-1A-37V		C
SCALE		2=1	SHEET	1 OF 1