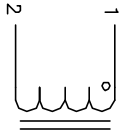


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SCHEMATIC

7 BUILT TO ROHS COMPLIANCE AND LEAD FREE.

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

FLUSH WITH THE COIL EDGE, AS SHOWN

5 REMOVE INSULATION AND TIN LEADS APPROX. 0.75 INCH

4 WIND WIRE TO CORE EVENLY SPACED
CONSTRUCTION:

WEIGHT = 2.9 GRAMS

HI-POT TEST FOR WIRE TO CORE = 500 VDC

INDUCTANCE @ RATED CURRENT = 37.0 uH

DC CURRENT RATING = 1.0 AMPS MAX

DCR = 60 MILLI-OHMS, MAX

INDUCTANCE @ 0 AMPS = 43.0 uH, ± 20% , 1 KHz., 0.25 Vrms

3 SPECIFICATIONS @ 25 °C

WIRE: UL RECOGNIZED 130°C RATED MAGNET WIRE

2 CORE: COATED IRON POWDER

CORE COATING RATING CLASS B (130°) REQUIRED

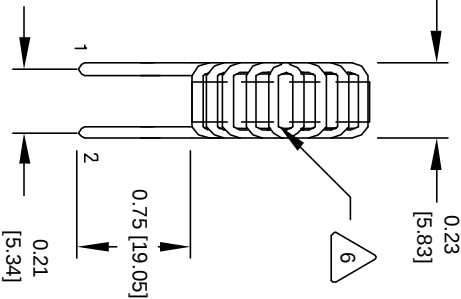
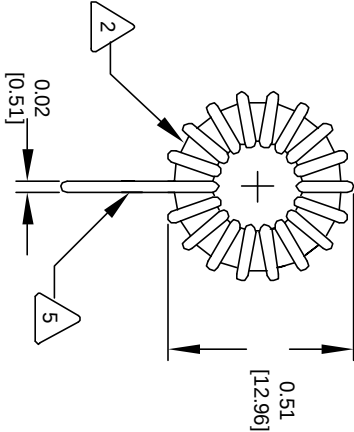
1 MATERIAL: UL RECOGNIZED 94V-0 FOR FLAMMABILITY

NOTES: UNLESS OTHERWISE SPECIFIED, TOROIDAL INDUCTOR

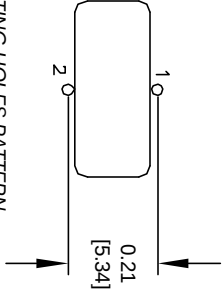
READ FROM BOTTOM UP.

REVISION HISTORY					
REV	ECN	DESCRIPTION	SIGN & DATE		
			BY	DATE	DATE
B		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	COIL WS COM, INC 353 W. GROVE AVENUE ORANGEV, CA. 92665 CWS Coil Winding Specialist.		
SOLIDWORKS				
SIGN	DATE			
DRAWN	6/20/06			
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		
SIZE		DWG. NO.		
B				
SCALE		TC-430M-1A-44V		
2=1		SHEET	1	OF 1