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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:

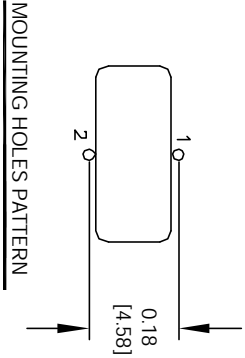
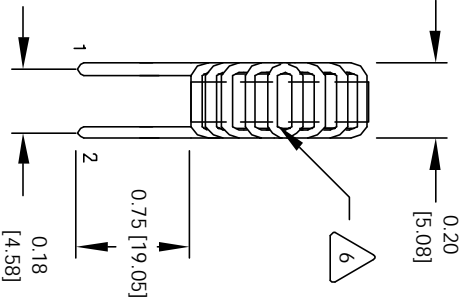
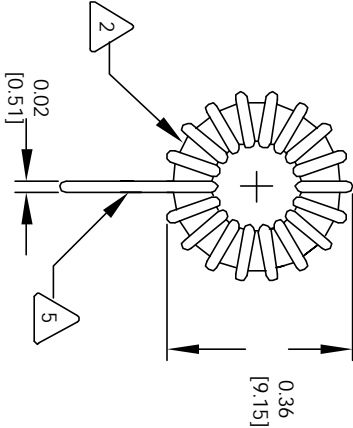
WEIGHT = 1.4 GRAMS
HI-POT TEST FOR WIRE TO CORE = 500 VDC
INDUCTANCE @ RATED CURRENT = 7.7 uH
DC CURRENT RATING = 2.0 AMPS MAX
DCR = 24 MILLI-OHMS, MAX
INDUCTANCE @ 0 AMPS = 10.0 uH, $\pm 20\%$, 1 KHZ., 0.25 Vrms
SPECIFICATIONS @ 25 °C

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

1 CORE COATING RATING CLASS B (130°) REQUIRED
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	COIL WS.COM, INC www.coilws.com CWS Coil Winding Specialist. 353 W. GROVE AVENUE ORANGE, CA 92665		
SOLIDWORKS				
SIGN	DATE			
DRAWN	RPR	6/20/06	TITLE: Power Toroidal Inductors	
CHECKED	JLU	6/20/06	Vertical Mount	
ENGR.	KSUM	6/20/06	SIZE Dwg. No.	
APPR.	JLU	6/20/06	B TC-100M-2A-30V	
SCALE		2=1	REV C	
DO NOT SCALE DRAWING			SHEET 1 OF 1	