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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:

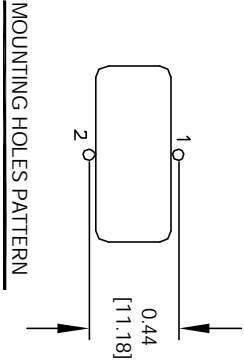
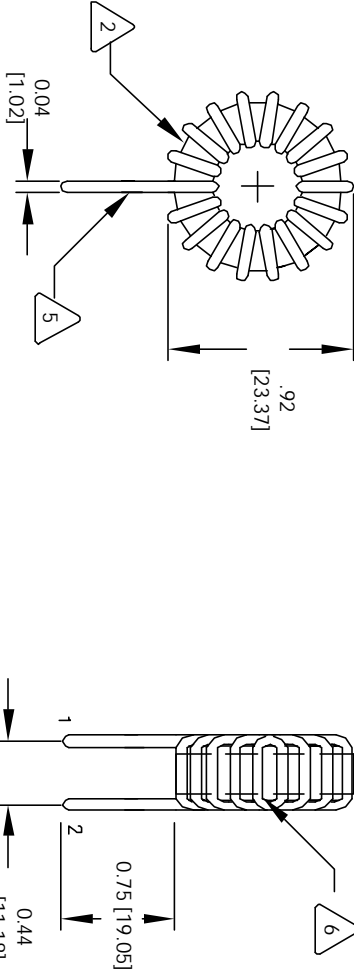
WEIGHT = 18.4 GRAMS  
HI-POT TEST FOR WIRE TO CORE = 500 VDC  
INDUCTANCE @ RATED CURRENT = 68.0 uH  
DC CURRENT RATING = 5.0 AMPS MAX  
DCR = 38 MILLI-OHMS, MAX  
INDUCTANCE @ 0 AMPS = 150.0 uH,  $\pm$  20% , 1 KHZ., 0.25 Vrms  
SPECIFICATIONS @ 25 °C

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.

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	<div>COIL WS.COM, INC</div> <div>353 W. GROVE AVENUE</div> <div>ORANGE, CA. 92665</div> <div>CWS Coil Winding Specialist.</div>		
SOLIDWORKS				
SIGN	DATE			
DRAWN	6/20/06			
CHKD	JLAW	6/20/06	<div>TITLE:</div> <div>Power Toroidal Inductors</div> <div>Vertical Mount</div> <div>SIZE DIM. NO.</div> <div>B TC-151M-5A-80V</div> <div>SCALE</div> <div>2=1</div> <div>SHEET 1 OF 1</div>	
ENGR.	KSLUM	6/20/06		
APPR.	JLAW	6/20/06		
UNLESS OTHERWISE SPECIFIED				
DIMENSIONING AND TOLERANCE PER ANSI Y14.5M				
ALL DIMENSIONS ARE IN INCHES AND (UNLESS STATED)				
TOLERANCE INCHES: .XXX±.005 .X±.010 .X±.015 .X±.020 .X±.030				
TOLERANCE MILLIMETERS: .XXX±.127 .X±.330 .X±.508				
ANGLE PRECISION  $\angle$ ±.0°30'				
DO NOT SCALE DRAWING 