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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:

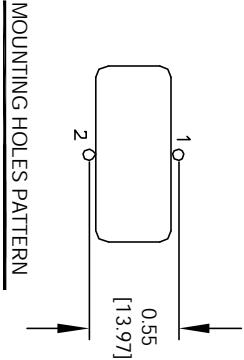
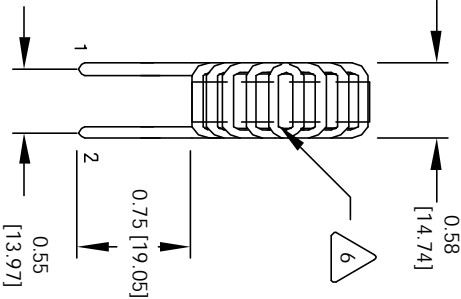
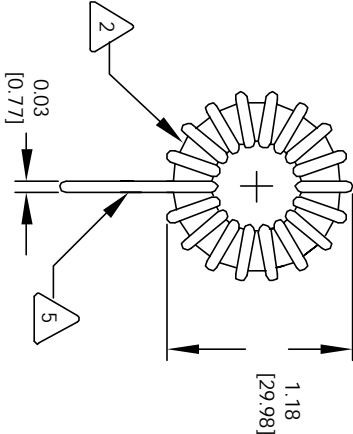
WEIGHT = 43.2 GRAMS  
HI-POT TEST FOR WIRE TO CORE = 500 VDC  
INDUCTANCE @ RATED CURRENT = 567.0 uH  
DC CURRENT RATING = 2.0 AMPS MAX  
DCR = 180 MILLI-OHMS, MAX  
INDUCTANCE @ 0 AMPS = 850.0 uH,  $\pm$  20% , 1 KHZ., 0.25 Vrms  
SPECIFICATIONS @ 25 °C

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	DATE
B		PRODUCTION RELEASE	RPR	6/22/06	6/22/06

VERTICAL CONFIGURATION



MOUNTING HOLES PATTERN

CODE		MFG. P/N	DESCRIPTION	ITEM NO.	
IDENT					
PARTS LIST					
AUTOCAD	X	<b>COIL WS COM, INC</b> www.coilws.com  CWS Coil Winding Specialist. 353 W. GROVE AVENUE ORANGE, CA 92665			
SOLIDWORKS					
SIGN	DATE				
DRAWN	6/22/06				
RPR	6/22/06				
CHECKED	JLU	6/22/06	TITLE: <b>Power Toroidal Inductors Vertical Mount</b>		
ENGR.	KSUM	6/22/06			
APPR.	JLU	6/22/06			
SIZE		DMR. NO.			REV
B		TC-851M-2A-106V			B
SCALE		SHEET 1 OF 1			
2=1					
UNLESS OTHERWISE SPECIFIED					
DIMENSIONING AND TOLERANCE PER ANSI Y14.5M					
ALL DIMENSIONS ARE IN INCHES AND (MILLIMETERS)					
TOLERANCE INCHES: .XXX = ±.005, .XX = ±.015, .X = ±.030					
TOLERANCE METRIC: .XXX = ±.127, .XX = ±.254, .X = ±.508					
ANGLE PROJECTION 					
DO NOT SCALE DRAWING 