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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:

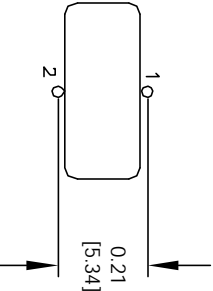
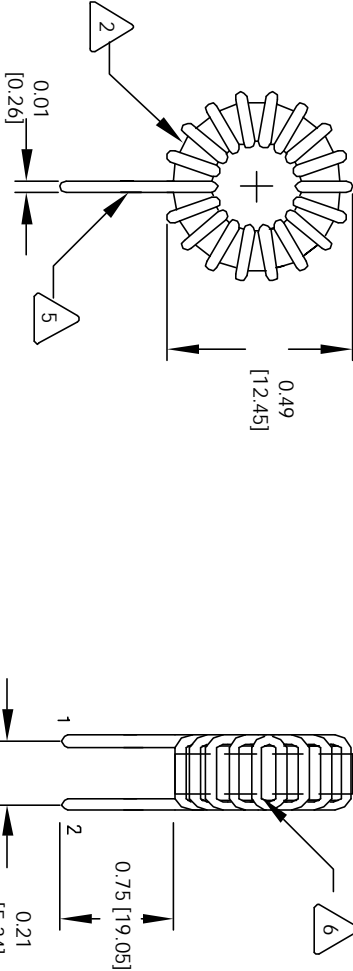
WEIGHT = 2.6 GRAMS  
HI-POT TEST FOR WIRE TO CORE = 500 VDC  
INDUCTANCE @ RATED CURRENT = 104.0 uH  
DC CURRENT RATING = 1.0 AMPS MAX  
DCR = 282 MILLI-OHMS, MAX  
INDUCTANCE @ 0 AMPS = 140.0 uH,  $\pm 20\%$ , 1 KHZ., 0.25 Vrms  
SPECIFICATIONS @ 25 °C

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	IDENT	MFG. P/N	DESCRIPTION	ITEM NO.
PARTS LIST				
AUTOCAD		X		
SOLIDWORKS				
SIGN		DATE		
DRAWN	RPR	6/20/06		
CHECKED	JLU	6/20/06		
ENGR.	KSUM	6/20/06		
APPR.	JLU	6/20/06		
TITLE				
Power Toroidal Inductors				
Vertical Mount				
SIZE	DMB. NO.	TC-141M-1A-44V	REV	
B			C	
SCALE	2=1		SHEET	1 OF 1