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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

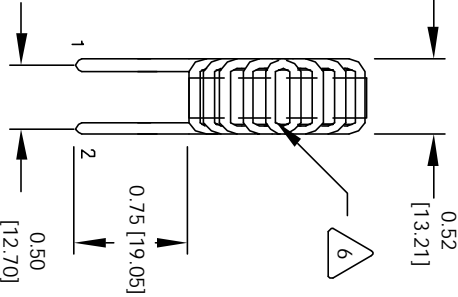
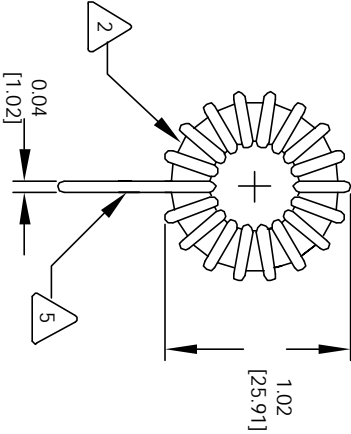
4 WIND WIRE TO CORE EVENLY SPACED  
CONSTRUCTION:

WEIGHT = 28.8 GRAMS  
HI-POT TEST FOR WIRE TO CORE = 500 VDC  
INDUCTANCE @ RATED CURRENT = 127.0 uH  
DC CURRENT RATING = 5.0 AMPS MAX  
DCR = 68 MILLI-OHMS, MAX  
INDUCTANCE @ 0 AMPS = 300.0 uH,  $\pm 20\%$ , 1 KHZ., 0.25 Vrms  
SPECIFICATIONS @ 25 °C

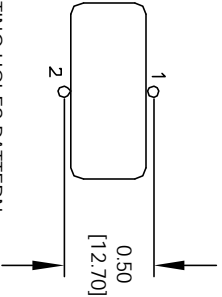
3 WIRE: UL RECOGNIZED 130°C RATED MAGNET WIRE  
CORE: COATED IRON POWDER

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.

VERTICAL CONFIGURATION



MOUNTING HOLES PATTERN



REVISION HISTORY			
REV	ECN	DESCRIPTION	SIGN & DATE
C		PRODUCTION RELEASE	BY: RFR 6/20/06 CHK: JLAU 6/20/06

CODE	IDENT	MFG. P/N	DESCRIPTION	ITEM NO.
PARTS LIST				
AUTOCAD		X		
SOLIDWORKS				
SIGN		DATE		
DRAWN	RFR	6/20/06		
CHECKED	JLAU	6/20/06		
ENGR.	KSUM	6/20/06		
APPR.	JLAU	6/20/06		
DO NOT SCALE DRAWING				
TITLE: Power Toroidal Inductors Vertical Mount				
SIZE	DWG. NO.	TC-301M-5A-90V	REV	C
B				
SCALE	2=1		SHEET	1 OF 1