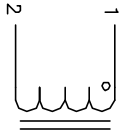


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SCHEMATIC

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:

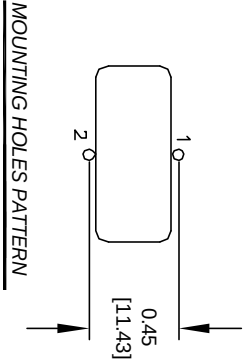
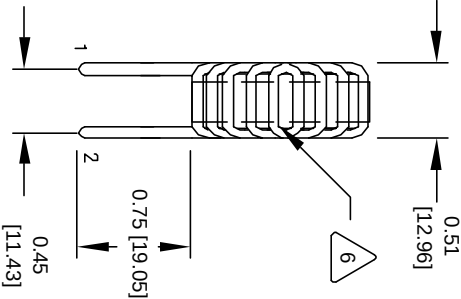
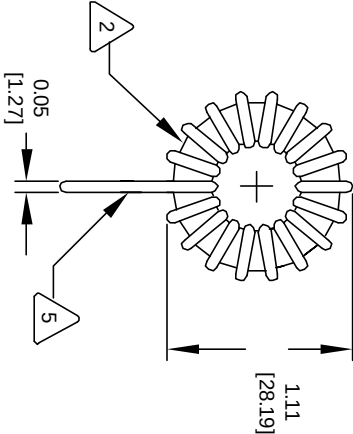
WEIGHT = 29.7 GRAMS
HI-POT TEST FOR WIRE TO CORE = 500 VDC
INDUCTANCE @ RATED CURRENT = 96.0 uH
DC CURRENT RATING = 3.0 AMPS MAX
DCR = 32 MILLI-OHMS, MAX
INDUCTANCE @ 0 AMPS = 130.0 uH, $\pm 20\%$, 1 KHZ., 0.25 Vrms
SPECIFICATIONS @ 25 °C

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
B		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	COIL WS COM, INC WWW.COILWS.COM CWS Coil Winding Specialist. 353 W. GROVE AVENUE ORANGE, CA 92665		
SOLIDWORKS				
SIGN	DATE			
DRAWN	6/20/06			
RPR	6/20/06	TITLE: Power Toroidal Inductors Vertical Mount		
CHECKED	6/20/06			
JLU	6/20/06			
ENGR.	6/20/06			
KSUM	6/20/06	SIZE: B DWR. NO. TC-131M-3A-94V		
APPR.	6/20/06			
JLU	6/20/06			
UNLESS OTHERWISE SPECIFIED		SCALE: 2=1 SHEET 1 OF 1		
DIMENSIONING AND TOLERANCE PER ANSI Y14.2M				
ALL DIMENSIONS ARE IN INCHES AND (MILLIMETERS)				
TOLERANCE INCHES: .XXX = ±.005, .XX = ±.010, .X = ±.030				
TOLERANCE METRIC: .XXX = ±.127, .XX = ±.254, .X = ±.762				
ANGLE PROJECTION 				
				
DO NOT SCALE DRAWING				