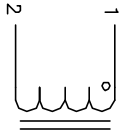


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SCHEMATIC

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:

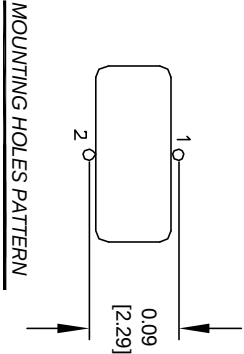
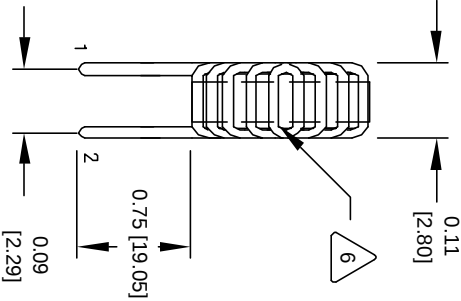
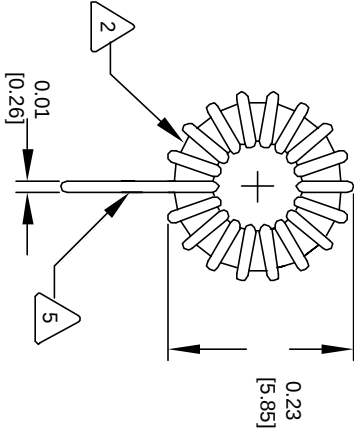
WEIGHT = 0.2 GRAMS
HI-POT TEST FOR WIRE TO CORE = 500 VDC
INDUCTANCE @ RATED CURRENT = 13.5 uH
DC CURRENT RATING = 0.5 AMPS MAX
DCR = 158 MILLI-OHMS, MAX
INDUCTANCE @ 0 AMPS = 15.0 uH, $\pm 20\%$, 1 KHz., 0.25 Vrms
SPECIFICATIONS @ 25 °C

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	RPR	6/20/06	TITLE: Power Toroidal Inductors Vertical Mount	
CHECKED	JLAU	6/20/06		
ENGR.	KSUM	6/20/06		
APPR.	JLAU	6/20/06	SIZE: B	
SCALE		TC-150M-0.5A-20V		REV B
DO NOT SCALE DRAWING		2=1		SHEET 1 OF 1
UNLESS OTHERWISE SPECIFIED				
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 = ±.381				
ANGLE PROJECTION 				
				