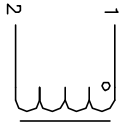


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SCHEMATIC

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

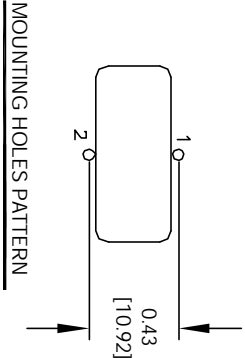
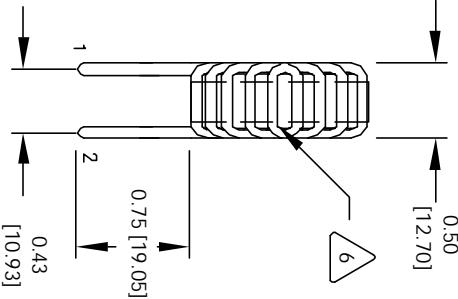
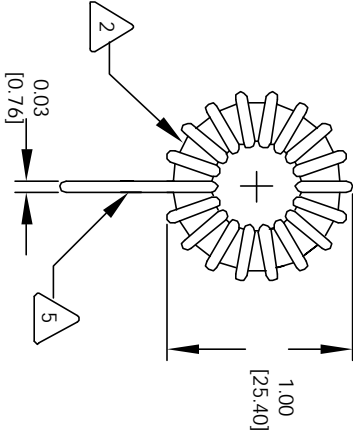
4 WIND WIRE TO CORE EVENLY SPACED
CONSTRUCTION:

WEIGHT = 26.4 GRAMS
HI-POT TEST FOR WIRE TO CORE = 500 VDC
INDUCTANCE @ RATED CURRENT = 280.0 uH
DC CURRENT RATING = 2.0 AMPS MAX
DCR = 118 MILLIOHMS, MAX
INDUCTANCE @ 0 AMPS = 450.0 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		
			BY	DATE	CHK
C		PRODUCTION RELEASE	RPR	6/20/06	6/20/06

CODE		MFG. P/N	DESCRIPTION	ITEM NO.
IDENT				
PARTS LIST				
AUTOCAD	X	COIL WS.COM, INC 353 W. GROVE AVENUE ORANGE, CA. 92865 CWS Coil Winding Specialist.		
SOLIDWORKS				
SIGN	DATE			
DRAWN	RPR 6/20/06			
CHECKED	JLAW 6/20/06	TITLE: Power Toroidal Inductors Vertical Mount		
ENGR.	KSLUM 6/20/06			
APPR.	JLAW 6/20/06			
SIZE		DWG. NO.	REV	
B		TC-451M-2A-90V	C	
SCALE		2=1	SHEET 1 OF 1	