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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:

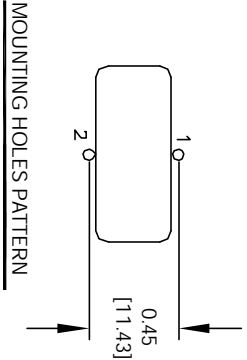
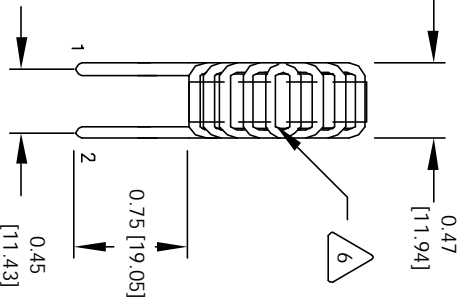
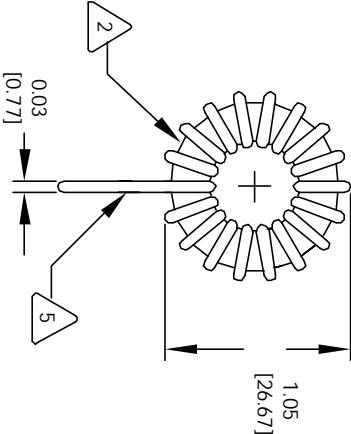
WEIGHT = 26.8 GRAMS
HI-POT TEST FOR WIRE TO CORE = 500 VDC
INDUCTANCE @ RATED CURRENT = 165.0 uH
DC CURRENT RATING = 4.0 AMPS MAX
DCR = 100 MILLI-OHMS, MAX
INDUCTANCE @ 0 AMPS = 390.0 uH, \pm 20% , 1 KHZ., 0.25 Vrms
SPECIFICATIONS @ 25 °C

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 353 W. GROVE AVENUE ORANGE, CA. 92665 CWS Coil Winding Specialist.		
SOLIDWORKS				
SIGN	DATE			
DRAWN	6/20/06			
RPR	6/20/06			
CHECKED	JLAU	6/20/06	Power Toroidal Inductors Vertical Mount	
ENGR.		6/20/06		
KSUM		6/20/06		
APPR.	JLAU	6/20/06		
JLAU		6/20/06		
TITLE:		CWS Coil Winding Specialist.		
Power Toroidal Inductors		353 W. GROVE AVENUE		
Vertical Mount		ORANGE, CA. 92665		
SIZE		TC-391M-4A-94V		
B		REV B		
SCALE		2=1		
SHEET		1 OF 1		

UNLESS OTHERWISE SPECIFIED	
DIMENSIONING AND TOLERANCE PER ANSI Y14.2M	
TOLERANCE PER ANI N INCHES	
AND (MILLIMETERS)	
TOLERANCE INCHES:	
XXX±.005 .X±.010	
XXX±.005 .X±.010	
XXX±.127 .XX±.005	
XXX±.127 .XX±.005	
ANGLE PROJECTION	
FIRST ANGLE	
DO NOT SCALE DRAWING	