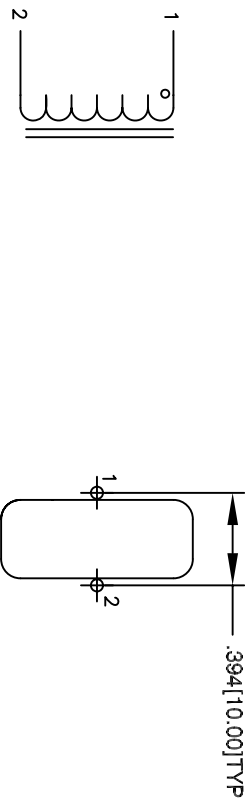
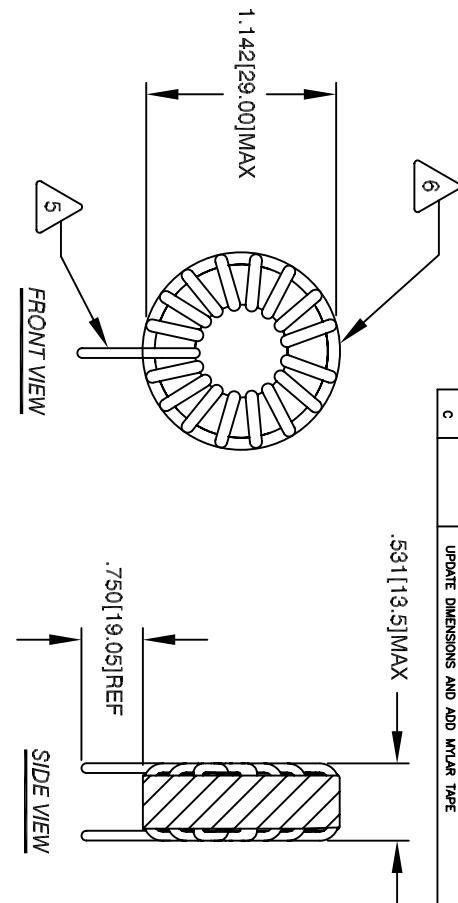


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REVISION HISTORY					
REV	ECN	DESCRIPTION	SIGN & DATE		
A		INITIAL DESIGN	BY	DATE	CHK
B		ADD ROHS COMPLIANCE	RPR	1/21/05	JLAU
C		UPDATE DIMENSIONS AND ADD MOUNT TAPE	RPR	6/20/06	JLAU
			KLC	5/12/09	AM
				5/12/09	

(VERTICAL MOUNT)  
PN: TC-101M-4A-94V



- 7 BUILD TO ROHS COMPLIANCE
- WHERE APPLICABLE  
MARK PART NUMBER, REVISION, DATE CODE ON PART  
WRAP PART WITH TWO LAYER OF 3M #1350 OR EQUAL
- TO THE CORE  
MUST REST FLAT ON PCB. LEADS MUST BE TANGENT  
FLUSH WITH THE COIL EDGE, AS SHOWN (I.E. COIL  
REMOVE INSULATION AND TIN LEADS 0.75 INCH
- 5 WIND COILS EVENLY SPACED AROUND THE CORE  
CONSTRUCTION:
- 4 HI-POT TEST FOR WINDING TO CORE ISOLATION = 500 VDC MIN  
CURRENT RATING : 4.0 AMPS, 40 °C TEMP. RISE, NO AIR FLOW  
DCR = 27 MILLI-OHMS MAX.  
INDUCTANCE AT MAX CURRENT OF 4 AMP = 60 uH  
INDUCTANCE = 100 uH ±20% @ LOW DC BIAS, 1 KHz, 250mV  
SPECIFICATIONS:
- 3

WIRE: UL RECOGNIZED 155°C RATED MAGNET WIRE  
CWS BYTEMARK OR OTHER APPROVED PART  
CORE: IRON TOROIDAL CORE

- 2 RATING CLASS B (130°C MIN.) REQUIRED  
MATERIAL: UL RECOGNIZED 94V-0 FOR FLAMMABILITY

NOTES: TOROIDAL POWER CHOKE. ALL DIMENSIONS IN INCHES[MM]

AUTOCAD		X		TITLE:		SIZE		SCALE		SHEET	
SOLIDWORKS				COILWIS.COM, INC		DWG. NO.		B		1	
SIGN		DATE		CWS Coil Winding Specialist.		353 W Grove Ave		2=1		1	
				www.coilwis.com		Orange, CA 92865					
UNLESS OTHERWISE SPECIFIED				DRAWN		1/21/05		RPR		1/21/05	
DIMENSIONING AND TOLERANCE PER ANSI Y14.5M				CHECKED		1/21/05		JLAU		1/21/05	
ALL DIMENSIONS ARE IN INCHES AND [MILLIMETERS].				ENGR.		1/21/05		KSUM		1/21/05	
TOLERANCE INCHES:				APPR.		1/21/05		JLAU		1/21/05	
.XXX=±.005 .XX=±.015 .X=±.030											
TOLERANCE METRICS:											
.XXX=±.127 .XX=±.38 .X=±0.30											
ANGLE PROJECTION											
DO NOT SCALE DRAWING											