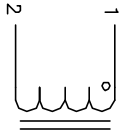


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SCHEMATIC

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

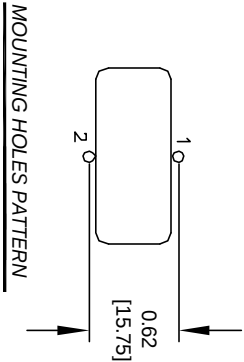
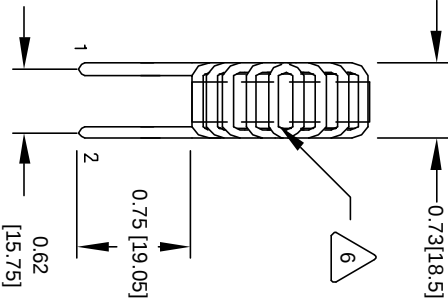
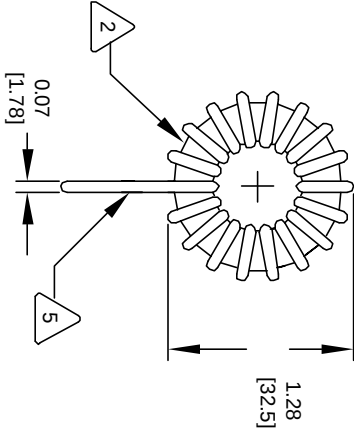
4 WIND WIRE TO CORE EVENLY SPACED

WEIGHT = 48.5 GRAMS
HI-POT TEST FOR WIRE TO CORE = 500 VDC
INDUCTANCE @ RATED CURRENT = 40.6 uH
DC CURRENT RATING = 7.0 AMPS MAX
DCR = 13 MILLI-OHMS, MAX
INDUCTANCE @ 0 AMPS = 56.0 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	DATE
C		PRODUCTION RELEASE	RPR	6/20/06	6/20/06

CODE		MFG. P/N	DESCRIPTION	ITEM NO.
IDENT				
PARTS LIST				
AUTOCAD	X	CWS Coil Winding Specialist. 353 W. GROVE AVENUE ORANGE, CA. 92665		
SOLIDWORKS				
SIGN	DATE			
DRAWN	6/20/06			
RPR	6/20/06			
CHECKED	JLU	6/20/06	TITLE: Power Toroidal Inductors Vertical Mount	
ENGR.	KSUM	6/20/06		
APPR.	JLU	6/20/06		
SCALE		2=1		
SHEET		1 OF 1		

UNLESS OTHERWISE SPECIFIED		DIMENSIONING AND TOLERANCE PER ANSI Y14.2M AND (DIMENSIONS ARE IN INCHES AND (MILLIMETERS))	
TOLERANCE INCHES:		± 0.005 ± 0.010	
TOLERANCE METERS:		± 0.127 ± 0.254	
ANGLE PROJECTION		DO NOT SCALE DRAWING	

TITLE: Power Toroidal Inductors Vertical Mount		CWS Coil Winding Specialist. 353 W. GROVE AVENUE ORANGE, CA. 92665	
SIZE		TC-560M-7A-106V	
B		REV C	
SCALE		2=1	