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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:

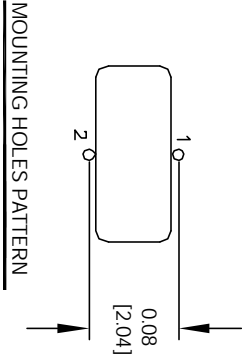
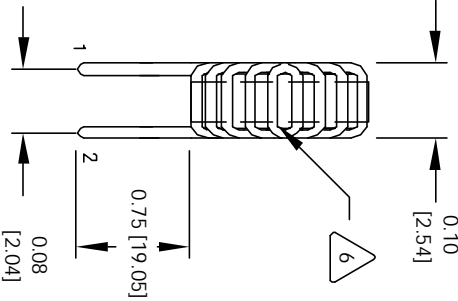
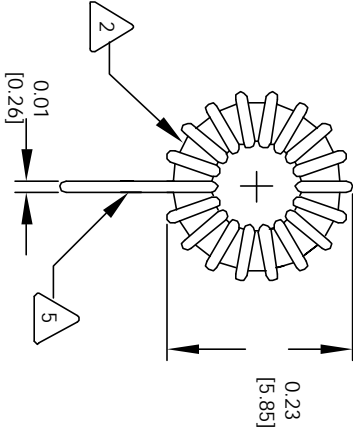
WEIGHT = 0.3 GRAMS
HI-POT TEST FOR WIRE TO CORE = 500 VDC
INDUCTANCE @ RATED CURRENT = 25.5 uH
DC CURRENT RATING = 0.3 AMPS MAX
DCR = 259 MILLI-OHMS, MAX
INDUCTANCE @ 0 AMPS = 27.0 uH, $\pm 25\%$, 1 KHZ., 0.25 Vrms
SPECIFICATIONS @ 25 °C

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	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	DWG. NO.	REV
			B	TC-270M-0.3A-20V	B
			SCALE	2=1	SHEET 1 OF 1
DO NOT SCALE DRAWING					
UNLESS OTHERWISE SPECIFIED					
DIMENSIONING AND TOLERANCE PER ANSI Y14.2M AND (DIMENSIONS ARE IN INCHES AND (MILLIMETERS))					
TOLERANCE INCHES: .XXX = ±.005, .XX = ±.010, .X = ±.030					
TOLERANCE METRICS: .XXX = ±.127, .XX = ±.254, .X = ±.762					
ANGLE PROJECTION 					
DO NOT SCALE DRAWING					