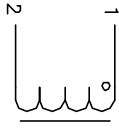


The information contained in this drawing is the sole property of CWS Coil Winding Specialists. Any reproduction in part or whole without written permission of CWS Coil Winding Specialists is prohibited.



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

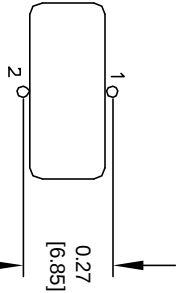
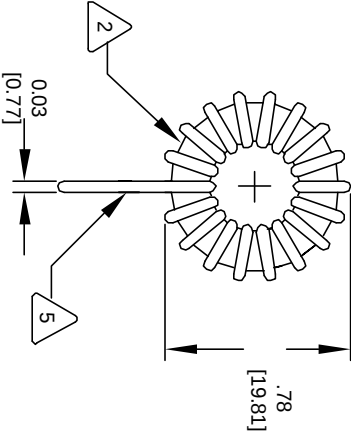
4 WIND WIRE TO CORE EVENLY SPACED
CONSTRUCTION:

WEIGHT = 9.2 GRAMS
HI-POT TEST FOR WIRE TO CORE = 500 VDC
INDUCTANCE @ RATED CURRENT = 55.0 uH
DC CURRENT RATING = 2.0 AMPS MAX
DCR = 38 MILLI-OHMS, MAX
INDUCTANCE @ 0 AMPS = 65.0 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	6/22/06	6/22/06

CODE		MFG. P/N		DESCRIPTION		ITEM NO.
PARTS LIST						
AUTOCAD		X		COILWS.COM, INC 353 W. GROVE AVENUE ORANGE, CA 92665 CWS Coil Winding Specialist.		
SOLIDWORKS						
SIGN		DATE				
DRAWN		6/22/06				
RPR		6/22/06				
CHECKED		6/22/06		TITLE: Power Toroidal Inductors Vertical Mount		
JLAU						
ENGR.						
KSUM		6/22/06				
APPR.		6/22/06				
JLAU		6/22/06		SIZE DIM. NO. B TC-650M-2A-68V SCALE 2=1		
DO NOT SCALE DRAWING				SHEET 1 OF 1		