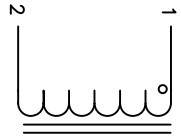


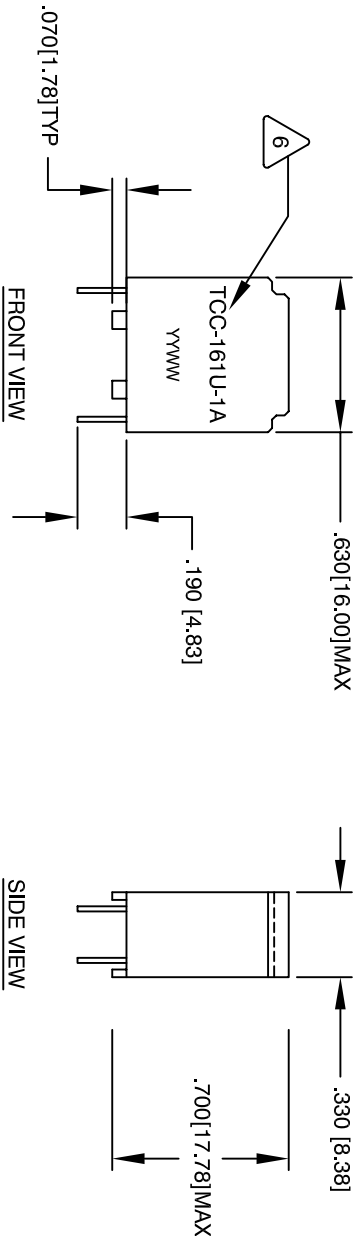
The information contained in this drawing is the sole property of Coil Winding Specialist, Inc. Any reproduction in part or whole without written permission of Coil Winding Specialist, Inc. is prohibited.

REVISION HISTORY

REV	ECN	DESCRIPTION	BY	DATE	CHK	DATE
A		INITIAL RELEASE	GN	9/20/11	JLJU	9/20/11



SCHEMATIC



6 USING A PERMANENT MARKING METHOD MARK PART NUMBER, REVISION, DATE CODE

5 1 & 2 OF CASE AND ENCAPSULATE THE PART REMOVE INSULATION AND SOLDER LEADS TO PINS

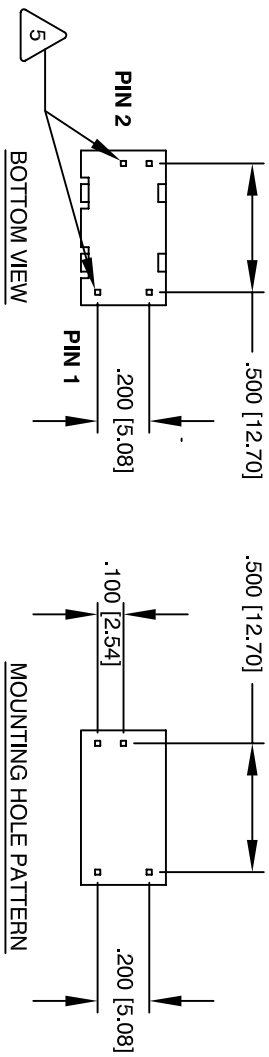
4 WIND COILS EVENLY SPACED AROUND THE CORE CONSTRUCTION:

3 WEIGHT: 6 GRAM
 IMPEDANCE = 2.24 KILLO-OHMS @ 2.2 MHz
 SRF = 2.2 MHz
 HI-POT TEST FOR WINDING TO CORE ISOLATION = 500 VDC MIN
 CURRENT RATING : 1 AMPS, 40 °C TEMP. RISE, NO AIR FLOW
 DCR = 250 MILLI-OHMS MAX.
 DC BIASED @ 1 AMPS, INDUCTANCE ~150 uH
 INDUCTANCE = 160 uH ±20% @ LOW DC BIAS, 1 KHz, 250mV
 SPECIFICATIONS:

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

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

NOTES: TOROIDAL POWER CHOKE. ALL DIMENSIONS IN INCHES[MM]
 CAGE CODE: 5DME2



CODE IDENT	MFG. P/N	DESCRIPTION	ITEM NO.
PARTS LIST			
AUTOCAD	X		
SOLIDWORKS			
UNLESS OTHERWISE SPECIFIED			
DRAWN	GN	DATE	9/20/11
CHKD	AK	DATE	8/5/11
ENGR.	JLJU	DATE	8/5/11
APPR.	JLJU	DATE	8/5/11
TITLE:		Inductor, with Vertical Base	
SIZE		160 uH, 1 Amp	
SCALE		TCC-161U-1A	
DO NOT SCALE DRAWING		REV A	

sales@coilws.com
 www.coilws.com
 Coil Winding Specialist, Inc.
 353 W Grove Ave
 Orange, CA 92865