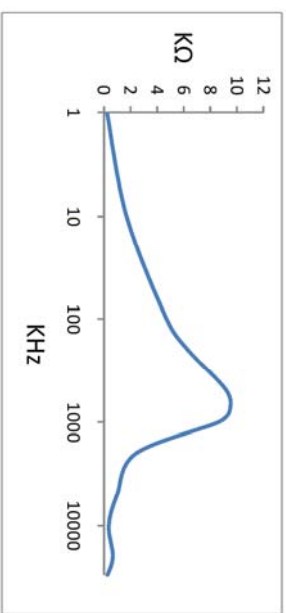


The information contained in this drawing is the sole property of Coil Winding Specialist Inc. (CWS)
 Any reproduction in part or whole without written permission of CWS is prohibited.



IMPEDANCE

DIMENSIONAL TOLERANCE INCHES [MM]					
A(OD) Max	B(WIDTH) Max	C(LEAD) Min	D(LEAD DIA) TYP	E (Min/Max)	P1 Ref
1.30 [33.0]	0.77 [19.6]	0.5 [12.7]	0.04 [1.02]	0.70 [17.78]	0.50 [12.70]

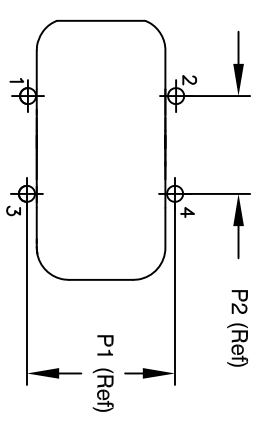
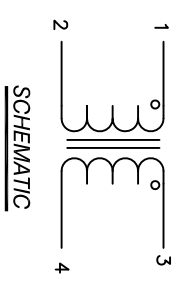
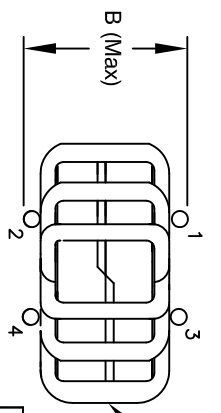
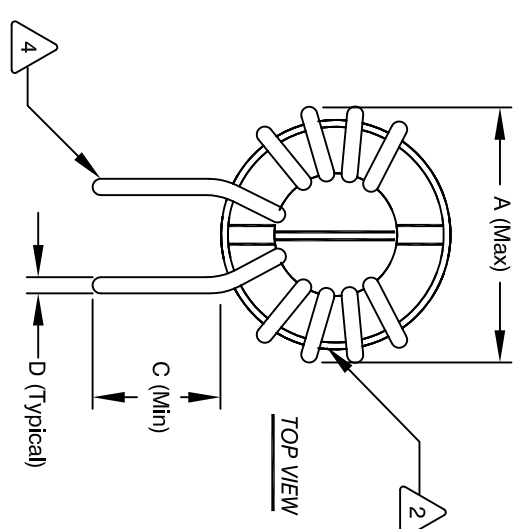
REVISION HISTORY			SIGN & DATE		
REV	ECN	DESCRIPTION	BY	DATE	DATE
B		ELEC. AND MECH. UPDATE	GN	03/22/11	03/22/11
C		ELEC. AND MECH. UPDATE	AK	11/09/12	11/09/12
C1		REVISE DESCRIPTION	JL	07/07/17	07/07/17

- 6 BUILT TO ROHS COMPLIANCE AND LEAD FREE.
- 5 MARK PART NUMBER AND REVISION IF APPLICABLE.
- 4 TIN LEADS APPROX. 0.5 INCH AND FLUSH WITH THE COIL EDGE.

WEIGHT = 38 GRAMS
 OPERATING TEMP RANGE = -25 °C TO 120°C
 MAX TEMP RISE = 40 °C
 INTERWINDING ISOLATION = 2000 VOLTS RMS, 3mA, 2 sec.
 DCR ON EACH WINDING = 25 mΩ MAX
 SRF = 387 KHz TYP
 MAX VOLTAGE ACROSS TERMINALS 1-2 OR 3-4 = 250 VAC OR VDC
 RATED CURRENT = 7 AMPS
 LEAKAGE INDUCTANCE = 28 uH TYP @ 10 KHz, 1 Vrms
 INTERWINDING CAPACITANCE = 7.0 pF TYP @ 10 KHz
 IMPEDANCE = 13 kΩ TYP @ 387 KHz
 L = 40 mH MIN @ 1 KHz, 1 Vrms, 0 ADC
 INSULATION RESISTANCE = 100 MEGA-OHMS MIN. @ 500 VDC
 SPECIFICATIONS AT 25°C:

- 2 WIRE: UL CLASS 200°C
 CWS BYTEMARK OR OTHER APPROVED PART
 CORE: NANOCRYSTALLINE OR AMORPHOUS CORE
- 1 BOBBIN/CASE = UL CLASS B (130°)
 MATERIAL: UL RECOGNIZED 94V-0 FOR FLAMMABILITY

NOTES: UNLESS OTHERWISE SPECIFIED, READ NOTES FROM BOTTOM TO TOP.



PARTS LIST		MFG. P/N		DESCRIPTION		ITEM NO.																																			
QTY	CODE IDENT																																								
<table border="1"> <tr> <td colspan="2">AUTOCAD SOLIDWORKS</td> <td colspan="2">X</td> <td colspan="3"></td> </tr> <tr> <td>DRWN</td> <td>RLAU</td> <td>DATE</td> <td>12/16/10</td> <td colspan="3">TITLE: Nanocrystalline Inductor</td> </tr> <tr> <td>CHKD</td> <td>AK</td> <td>DATE</td> <td>12/16/10</td> <td colspan="3">Common Mode Chokes</td> </tr> <tr> <td>ENGR</td> <td>JLJU</td> <td>DATE</td> <td>12/16/10</td> <td colspan="3">Vertical Mount</td> </tr> <tr> <td>APPR</td> <td>JLJU</td> <td>DATE</td> <td>03/22/11</td> <td colspan="3">CAGE# 5DME2</td> </tr> </table>							AUTOCAD SOLIDWORKS		X					DRWN	RLAU	DATE	12/16/10	TITLE: Nanocrystalline Inductor			CHKD	AK	DATE	12/16/10	Common Mode Chokes			ENGR	JLJU	DATE	12/16/10	Vertical Mount			APPR	JLJU	DATE	03/22/11	CAGE# 5DME2		
AUTOCAD SOLIDWORKS		X																																							
DRWN	RLAU	DATE	12/16/10	TITLE: Nanocrystalline Inductor																																					
CHKD	AK	DATE	12/16/10	Common Mode Chokes																																					
ENGR	JLJU	DATE	12/16/10	Vertical Mount																																					
APPR	JLJU	DATE	03/22/11	CAGE# 5DME2																																					
<p>UNLESS OTHERWISE SPECIFIED</p> <p>DIMENSIONING AND TOLERANCE PER ANSI Y14.5M AND [MILLIMETERS]</p> <p>TOLERANCE INCHES: .XXX=±.005 .XX=±.015 .X=±.030</p> <p>TOLERANCE METRICS: .XX=±.38 .X=±.38</p> <p>ANGLE PROJECTION</p> <p>DO NOT SCALE DRAWING</p>																																									