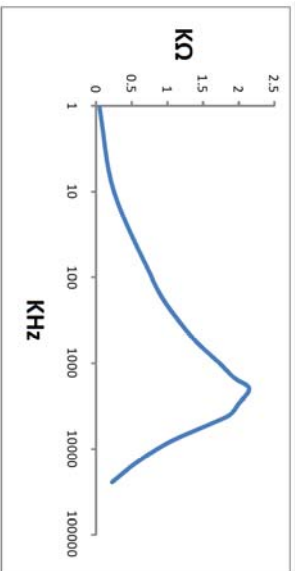


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DIMENSIONAL TOLERANCE INCHES [MM]

A(OD) Max	B(WIDTH) Max	C(LEAD) Min	D(LEAD DIA) TYP	E (Min/Max)	P1 Ref	P2 Ref
0.87	0.57	0.50	0.03		0.33	0.49
[22.06]	[14.57]	[12.7]	[0.80]		[8.30]	[12.50]

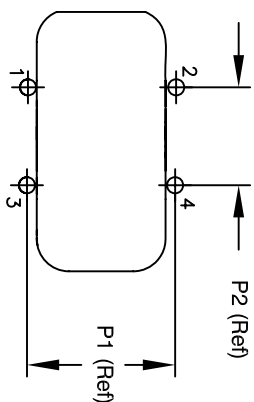
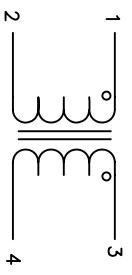
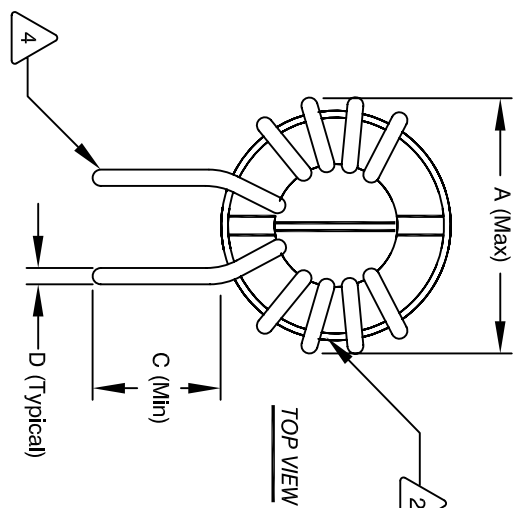
REVISION HISTORY

REV	ECN	DESCRIPTION	BY	DATE	CHK	DATE
A.1	1	PRODUCTION RELEASE	RCL	7/1/11	JLU	7/1/11
B	2	PRODUCTION RELEASE	AK	11/23/11	JLU	11/23/11

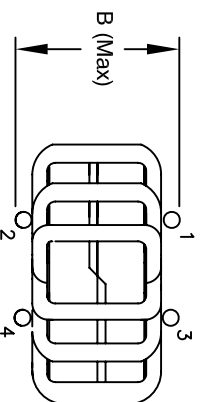
6 BUILT TO ROHS COMPLIANCE AND LEAD FREE.

5 MARK PART NUMBER AND REVISION.

4 TIN LEADS APPROX. 0.5 INCH AND FLUSH WITH THE COIL EDGE.



- WEIGHT = 11.0 GRAMS (TYP)
- OPERATING TEMP RANGE = -25 °C TO 120°C
- MAX TEMP RISE = 40 °C
- INTERWINDING ISOLATION = 2000 VOLTS RMS.
- DCR ON EACH WINDING = 25.0 mΩ MAX.
- SRF = 2.7 MHZ NOM
- RATED VOLTAGE = 250 VAC OR VDC
- RATED CURRENT = 4 AMPS
- LEAKAGE INDUCTANCE = 10.8 uH TYP @ 10 KHZ, 1 Vrms.
- INTERWINDING CAPACITANCE = 1.12 pF TYP @ 10KHZ.
- IMPEDANCE @ SRF = 1.5 KΩ (TYP)
- L = 4.0 mH MIN @ 1 KHZ, 1 Vrms, 0 ADC
- INSULATION RESISTANCE = 100 MEGA-OHMS MIN. @ 500 VDC
- SPECIFICATIONS AT 25°C:



BOTTOM VIEW

- WIRE: UL RECOGNIZED 200°C RATED MAGNET WIRE
- CWS BYTE-MARK OR OTHER APPROVED PART
- CORE: NANOCRYSTALLINE OR AMORPHOUS CORE

- BOBBIN RATING CLASS B (130°) REQUIRED
- 1 MATERIAL: UL RECOGNIZED 94V-0 FOR FLAMMABILITY
- NOTES: UNLESS OTHERWISE SPECIFIED, READ NOTES FROM BOTTOM TO TOP.
- CAGE CODE = 5DME2

UNLESS OTHERWISE SPECIFIED	
DIMENSIONING AND TOLERANCE PER ANSI Y14.5M AND [UNITS/METERS]	DRWN: RLUJ
TOLERANCE INCHES: .XXX=±.005 .XX=±.015 .X=±.030	ENGR: JLUJ
TOLERANCE METRICS: .XXX=±.127 .XX=±.38 .X=±.8	APPR: JLUJ
ANGLE PROJECTION	DO NOT SCALE DRAWING

QTY	CODE IDENT	MFG. P/N	DESCRIPTION	ITEM NO.
<b>PARTS LIST</b>				
AUTOCAD SOLIDWORKS SIGN		www.coilw.com sales@coilw.com Coil Winding Specialist Inc. 353 West Grove Ave Orange, California, 92865		
DATE	DATE	TITLE: Nanocrystalline Inductor Common Mode Chokes Vertical Mount		
12/16/10	12/16/10	SIZE	DWG. NO.	REV
		B	GN-V-502U-4A	B
SCALE		2=1		SHEET 1 OF 1