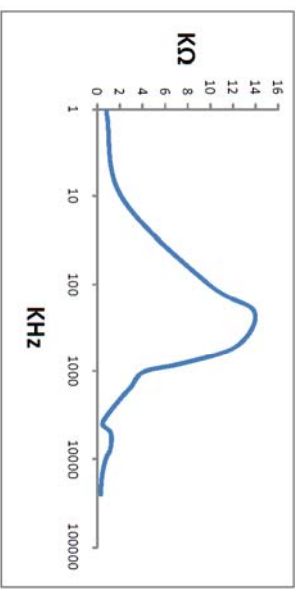


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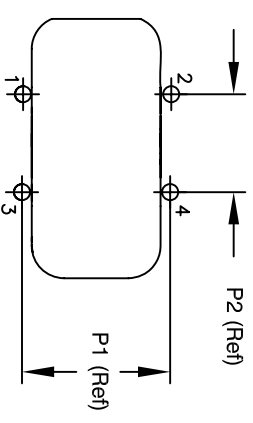
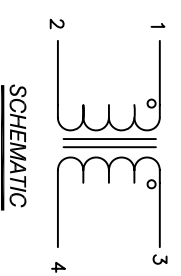
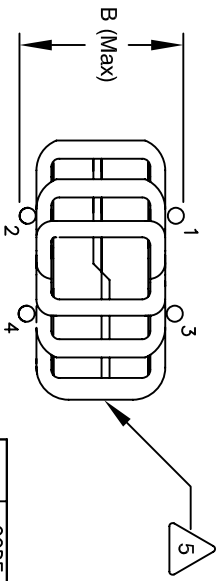
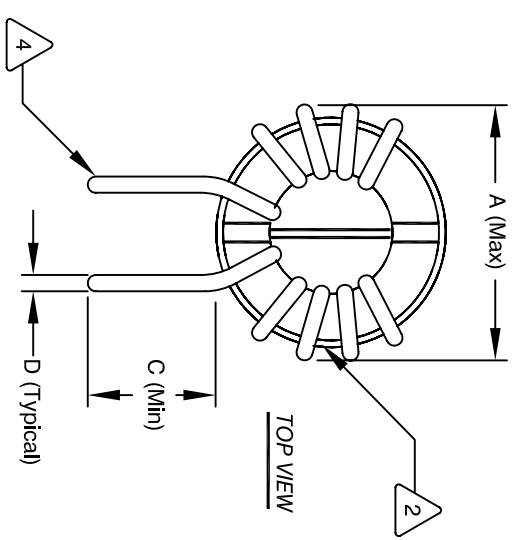


DIMENSIONAL TOLERANCE INCHES [MM]				REVISION HISTORY									
A(OD) Max	B(WIDTH) Max	C(LEAD) Min	D(LEAD DIA) TYP	E (Min/Max)	P1 Ref	P2 Ref	REV	ECN	DESCRIPTION	BY	DATE	CHK	DATE
0.90 [22.79]	0.62 [15.85]	0.50 [12.7]	0.02 [0.50]	0.49 [12.5]		0.33 [8.30]	A.1	1	PRODUCTION RELEASE	ROL	7/1/11	JLUU	7/1/11
							A.2		ELECTRICAL SPEC CORRECTION	GN	10/11/11	JLUU	10/11/11

- 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.

- 2 WIRE: UL RECOGNIZED 200°C RATED MAGNET WIRE
CWS BYTE-MARK OR OTHER APPROVED PART
CORE: NANOCRYSTALLINE OR AMORPHOUS CORE
- 3 SPECIFICATIONS AT 25°C:
WEIGHT = 12.5 GRAMS (TYP)
OPERATING TEMP RANGE = -25 °C TO 120°C
MAX TEMP RISE = 40 °C
INTERWINDING ISOLATION = 2000 VOLTS RMS.
DCR ON EACH WINDING = 230 mΩ MAX.
SRF = 4.13 MHz
RATED VOLTAGE = 250 VAC OR VDC
RATED CURRENT = 2 AMPS
LEAKAGE INDUCTANCE = 130.9 μH TYP @ 10 KHz, 1 Vrms.
INTERWINDING CAPACITANCE = 0.3 pF TYP @ 10KHz.
IMPEDANCE @ SRF = 1.9KΩ (TYP)
L = 30 mH MIN @ 1 KHz, 1 Vrms, 0 ADC
INSULATION RESISTANCE = 100 MEGA-OHMS MIN. @ 500 VDC

- 1 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



QTY	CODE	MFG. P/N	DESCRIPTION	ITEM NO.
	IDENT			
PARTS LIST				
AUTOCAD SOLIDWORKS		www.coilws.com Coil Winding Specialist Inc. 353 West Grove Ave Orange, California, 92865		
DRWN	RUJU	DATE	TITLE: Nanocrystalline Inductor Common Mode Chokes Horizontal Mount	
CHKD	AK	12/16/10		
ENGR	JLUU	12/16/10		
APPR	JLUU	12/16/10		
UNLESS OTHERWISE SPECIFIED		SIZE Dwg. No. GN-V-303U-2A		
DIMENSIONING AND TOLERANCE PER ANSI Y14.5M AND [MILLIMETERS]		SCALE 2=1		
TOLERANCE INCHES: .XXX±.005 .XX±.015 .X±.030		SHEET 1 OF 1		
TOLERANCE METRICS: .XXX±.127 .XX±.38 .X±.95		REV A.2		
ANGLE PROJECTION		CAD-FILE:		
DO NOT SCALE DRAWING		EP FORM0005 REV 4 2011		