

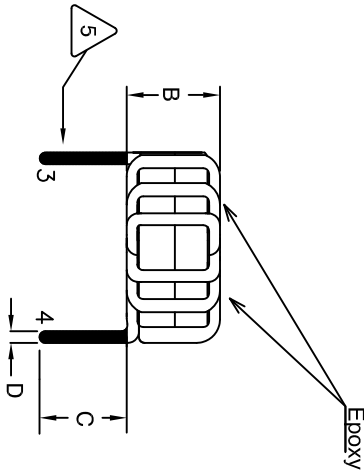
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DIMENSIONAL TOLERANCE INCHES [MM]					
A(OD)	B (WIDTH)	C(LEAD)	D(LEAD DIA)	P1 REF	P2 REF
MAX	MAX	MIN	MIN		
1.32" [33.50]	0.73" [18.50]	0.50" [12.70]	0.05" [1.15]	0.31" [7.80]	1.01" [25.60]

REVISION HISTORY				SIGN & DATE	
REV	ECN	DESCRIPTION		BY	DATE
B	N/A	ELEC. AND MECH. UPDATED	OK	3/20/11	3/20/11
C	N/A	ELEC. AND MECH. UPDATED	OK	9/14/12	9/14/12
D	160208	REVISE ELECTRICAL AND DIMENSIONS	AK	02/08/16	02/08/16
D1	160208	REVISE DESCRIPTION	LL	07/07/17	07/07/17



SCHEMATIC



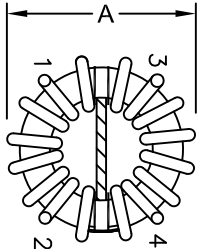
FRONT VIEW

- 7 BUILT TO RoHS COMPLIANCE
- 6 MARK PART NUMBER AND REVISION IF APPLICABLE.
- WITH COIL EDGE.
TRIM LEADS APPROX. 0.5 INCH AND FLUSH
APPLY EPOXY TO SPACER WHERE SHOWN.
REMOVE WIRE INSULATION AND TIN.
- 5 WIND COILS EVENLY SPACED
- 4 CONSTRUCTION:

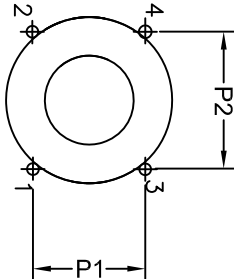
WEIGHT = 36 GRAMS
MAX TEMP RISE = 40°C
OPERATING RANGE : -25° TO 120°C
INTER WINDING ISOLATION = 2000 VOLTS RMS, 3mA, 2 sec.
INTERWINDING CAPACITANCE = 6.60 pF TYP @ SRF
IMPEDANCE = 7.0 kΩ TYP @ SRF
SRF = 1.20 MHz TYPICAL
LEAKAGE INDUCTANCE = 9.0 μH TYP @ 10kHz, 1Vrms
INDUCTANCE = 14.0 mH MIN @ 1 kHz, 1 Vrms, 0 Amps
DCR ON EACH WINDING = 13.0 mΩ MAX
MAX VOLTAGE ACROSS TERMINALS 1-2 OR 3-4 = 250 VAC OR VDC
RATED CURRENT = 10.0 AMPS
INSULATION RESISTANCE = 100 MEGA-OHMS MIN @ 500 VDC
SPECIFICATIONS @ 25°C

- 3 WIRE: UL CLASS 200°C WIRE
CWS BYTEMARK OR OTHER APPROVED PART
CORE: NANO CRYSTALLINE OR AMORPHOUS CORE
- 2 CASE = UL CLASS B (130°) RATING
- 1 MATERIAL: UL RECOGNIZED

NOTES: UNLESS OTHERWISE SPECIFIED. READ FROM BOTTOM UP.



BOTTOM VIEW



FOOTPRINT

PARTS LIST			
AUTOCAD	X	www.coilws.com, inc	CWS Coil Winding Specialist.
SOLIDWORKS		353 WEST GROVE AVE	
SIGN	DATE	sales@coilws.com	ORANGE, CA 92865 (CAGE: 50ME2)
DATE	12/16/10	TITLE:	Nanocrystalline Inductor
BY/IN	RLAU	COMMON MODE CHOKE	
CHKD	AK	Horizontal Mount	CAGE# 5DME2
DATE	12/16/10	SIZE	1000±0.05
APPR	LLAU	ANGLE PROJECTION	45°±30°
DATE	03/30/11	SCALE	N/A
DO NOT SCALE DRAWING		SHEET 1 OF	1