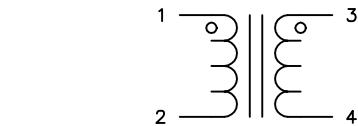


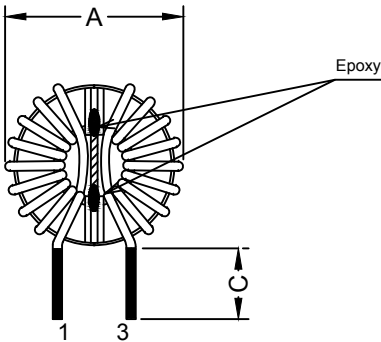
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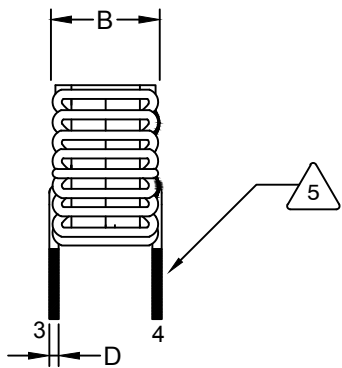
SCHEMATIC

DIMENSIONAL TOLERANCE INCHES [MM]							
A(OD) MAX	B (WIDTH) MAX	C(LEAD) MIN	D(LEAD DIA) MIN		P1 REF	P2 REF	
1.38" [35.00]	0.80" [20.32]	0.50" [12.70]	0.05" [1.17]		0.70" [17.78]	0.50" [12.70]	

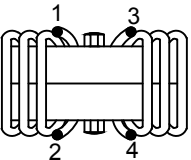
REVISION HISTORY					
REV	ECN	DESCRIPTION	SIGN & DATE		
			BY	DATE	CHK DATE
A	1	PRODUCTION RELEASE	KC	12/16/10	JLAU 12/16/10
B	N/A	ELEC. AND MECH. UPDATED	GN	3/30/11	JLAU 3/30/11
C	N/A	ELEC. AND MECH. UPDATED	AK	11/08/12	JLAU 11/08/12
D	160208	REVISE ELECTRICAL AND DIMENSIONS	AK	02/15/16	JM 02/15/16



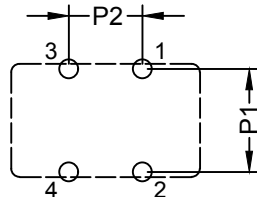
FRONT VIEW



SIDE VIEW



BOTTOM VIEW



FOOTPRINT

- 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 = 40 GRAMS
MAX TEMP RISE = 40°C
OPERATING RANGE : -25° TO 120°C
INTER WINDING ISOLATION = 2000 VOLTS RMS, 3mA, 2 sec.
INTERWINDING CAPACITANCE = 3.0 pF TYP @ SRF
IMPEDANCE = 2.30 kΩ TYP @ SRF
SRF = 5.70 MHz TYPICAL
LEAKAGE INDUCTANCE = 2.70 uH TYP @ 10kHz, 1Vrms
INDUCTANCE = 3.0 mH MIN @ 1 KHz, 1 Vrms, 0 Amps
DCR ON EACH WINDING = 2.70 mΩ MAX
RATED VOLTAGE = 250 VAC OR VDC
RATED CURRENT = 20.0 AMPS
INSULATION RESISTANCE = 100 MEGA-OHMS MIN @ 500 VDC
- 3 SPECIFICATIONS @ 25°C
- WIRE: UL CLASS 200°C WIRE
CWS BYTEMARK OR OTHER APPROVED PART
- 2 CORE: NANO CRYSTALLINE OR AMORPHOUS CORE
- CASE = UL CLASS B (130°) RATING
- 1 MATERIAL: UL RECOGNIZED

NOTES: UNLESS OTHERWISE SPECIFIED. READ FROM BOTTOM UP.

PARTS LIST					
AUTOCAD		X	WWW.COILWS.COM, INC sales@coilws.com		
SOLIDWORKS					
UNLESS OTHERWISE SPECIFIED	SIGN	DATE	TITLE: Nanocrystalline Inductor Common Mode Choke Vertical Mount CAGE# 5DME2		
	DRAWN RLAU	12/16/10			
	CHECKED AK	12/16/10			
	ENGR. JLAU	12/16/10			
DIMENSIONING AND TOLERANCE PER ANSI Y14.5M ALL DIMENSIONS ARE IN INCHES AND [MILLIMETERS]. TOLERANCE INCHES: .000"=±.005 .001"=±.015 .010"=±.030 TOLERANCE METRICS: .000"=±.127 .001"=±.38 .010"=±.30 ANGLE PROJECTION	APPR. JLAU	03/30/11	SIZE DWG. NO.	HN-V-302U-20A	
	DO NOT SCALE DRAWING		SCALE	N/A	
			SHEET	4F	1