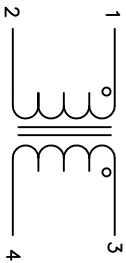


DIMENSIONAL TOLERANCE INCHES [MM]

A(OD) Max	B(WIDTH) Max	C(LEAD) Min	D(LEAD DIM) TYP	E (Min/Max)	P1 Ref	P2 Ref
1.32 [33.7]	0.78 [19.8]	0.5 [12.7]	0.07X0.14 [1.8X3.6]		0.75 [19.0]	0.61 [15.5]

REV	ECN	DESCRIPTION	SIGN & DATE			
			BY	DATE	CHK	DATE
E	160208	REVISE ELECTRICAL AND DIMENSIONS	AK	02/15/16	JM	02/15/16
E1	160208	REVISE DESCRIPTION	JL	07/07/17	JLJU	07/07/17



SCHEMATIC

- 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

- 4 WIND COILS EVENLY SPACED
CONSTRUCTION:

WEIGHT = 42 GRAMS

MAX TEMP RISE = 40 °C

OPERATING TEMP RANGE = -25 °C TO 120°C

INTERWINDING ISOLATION = 2000 VOLTS RMS, 3mA, 2 sec.

INTERWINDING CAPACITANCE = 5.70pF TYP @ SRF

SRF = 9.0 MHz T_Y

LEAKAGE INDUCTANCE = 0.70 μ H TYP @ 10kHz, 1Vrms

INDUCTANCE = 0.75mH MIN @ 1kHz, 1Vrms, 0Amp

DCR ON EACH WINDING = 0.5 mΩ MAX.

MAX VOLTAGE ACROSS TERMINALS 1-2 OR 3-4 = 250VAC OR VDC

RATED CURRENT = 40.0 AMPS

INSULATION RESISTANCE = 100 MEGA-OHMS MIN. @ 500 VDC

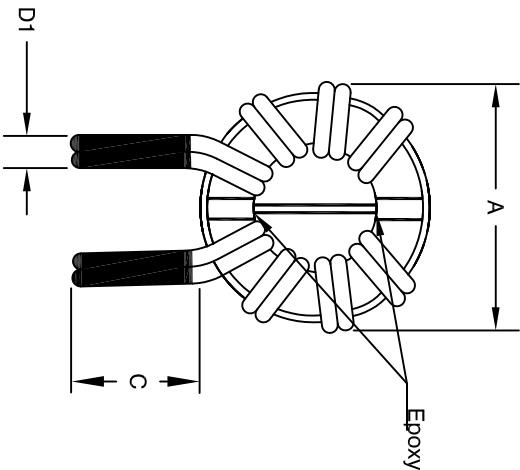
3 SPECIFICATIONS AT 25°C:

- 2 CORE: NANOCRYSTALLINE OR AMORPHOUS CORE

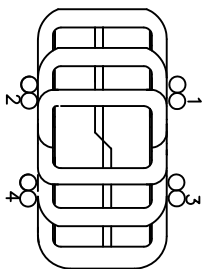
BOBBIN RATING CLASS B (200°) REQUIRED

1 MATERIAL: UL RECOGNIZED 94V-0 FOR FLAMMABILITY


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



FRONT VIEW



BOTTOM VIEW

UNLESS OTHERWISE SPECIFIED		SIGN		DATE		sales@coilwts.com 353 West Grove Ave Orange, California, 92865	
DIMENSIONING AND TOLERANCES PER ANSI Y14.5M		DRAWN		12/16/10		TITLE: Nanocrystalline Inductor Common Mode Chokes Vertical Mount	
ALL DIMENSIONS ARE IN INCHES AND [MILLIMETERS]		CHECKED		12/16/10			
TOLERANCE INCHES: $\pm .0730$		AK		12/16/10			
TOLERANCE METRICS: $\pm .005$		ENGR.		12/16/10			
TOLERANCE METRICS: $\pm .030$		JLAW		12/16/10			
TOLERANCE METRICS: $\pm .127$		APPR.		12/16/10		SIZE DIM. NO. HN-V-901U-40A	
ANGLE PROJECTION 		JLAW		SCALE		REV	
DO NOT SCALE DRAWING				2=1		SHEET 1 OF 1	

EP FORM0005 REV 4 2011

CAD-FILE: