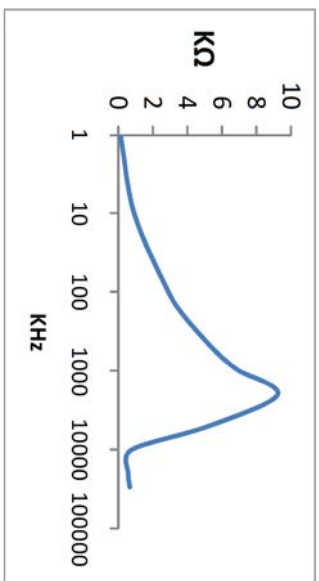


IMPEDANCE



6 BUILT TO ROHS COMPLIANCE AND LEAD FREE.

5 MARK PART NUMBER AND REVISION IF APPLICABLE

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

WEIGHT = 34 GRAMS
OPERATING TEMP RANGE = -25 °C TO 120°C
MAX TEMP RISE = 40 °C
INTERWINDING ISOLATION = 2000 VOLTS RMS, 3 mA, 2 sec.
DCR ON EACH WINDING = 18.0 mΩ MAX.
SRF = 950 KHz TYP
MAX VOLTAGE ACROSS TERMINALS 1-2 OR 3-4 = 250 VAC OR VDC
RATED CURRENT = 8 AMPS
LEAKAGE INDUCTANCE = 13.0 μH TYP @ 10 KHz, 1 Vrms.
INTERWINDING CAPACITANCE= 1.73 pF TYP @ 10 KHz
IMPEDANCE = 8.0 KΩ TYP @ 950 KHz
L = 20.0 mH MIN @ 1 KHz, 1 Vrms, 0 ADC
INSULATION RESISTANCE = 100 MEGA-OHMS MIN. @ 500 VDC
SPECIFICATIONS AT 25°C:

WIRE: UL CLASS 200°C
CWS BYTEMARK OR OTHER APPROVED PART
CORE: NANOCRYSTALLINE OR AMORPHOUS CORE
BOBBIN/CASE = UL CLASS B (130°)
MATERIAL: UL RECOGNIZED 94V-0 FOR FLAMMABILITY

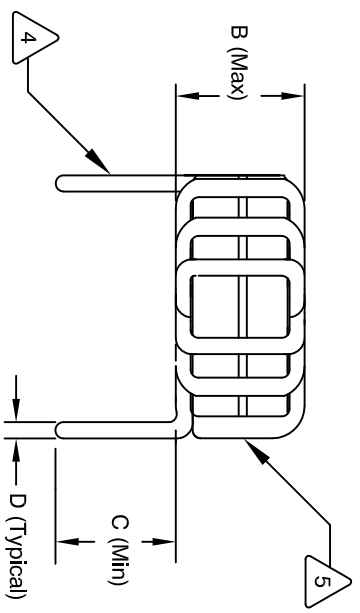
NOTES: UNLESS OTHERWISE SPECIFIED. READ NOTES FROM BOTTOM TO TOP.

DIMENSIONAL TOLERANCE INCHES [MM]

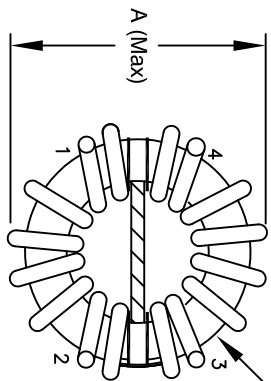
A(OD) Max	B(HGHT) Max	C(LEAD) Min	D(LEAD DIA) TYP	E (Min/Max)	P1 Ref	P2 Ref
1.26 [32.0]	0.71 [18.0]	0.5 [12.7]	0.04 [1.02]		0.21 [5.21]	1.17 [29.70]

REVISION HISTORY

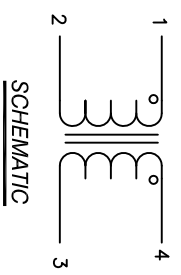
REV	ECN	DESCRIPTION	BY	DATE	CHK	DATE
C		ELEC. AND MECH SPEC UPDATE	GN	09/14/12	JLW	09/14/12
C1		REVISE DESCRIPTION	JL	07/07/17	JLW	07/07/17
D		MOUNTING HOLE PATTERN DIMENSION UPDATE	TN	12/08/21	JL	12/08/21



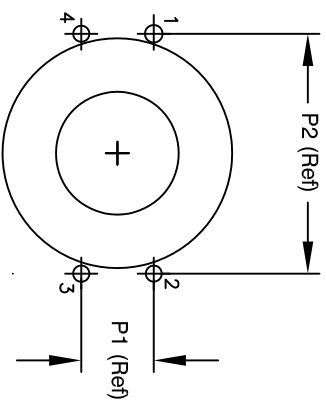
FRONT VIEW



BOTTOM VIEW



SCHEMATIC



MOUNTING HOLES PATTERN

PARTS LIST

QTY	CODE	IDENT	MFG. P/N	DESCRIPTION	ITEM NO.
UNLESS OTHERWISE SPECIFIED					
DIMENSIONING AND TOLERANCE PER ANSI Y14.5M					
ALL DIMENSIONS ARE IN INCHES AND [MILLIMETERS]					
TOLERANCE INCHES: .XXX=±.005 .XX=±.015 .X=±.030					
TOLERANCE METRICS: .XXX=±.127 .XX=±.38 .X=±.30					
ANGLE PROJECTION					
DO NOT SCALE DRAWING					
AUTOCAD SOLIDWORKS					
SIGN DATE					
DRAWN RLUW 12/16/10					
CHECKED AK 12/16/10					
ENGR. JLW 12/16/10					
APPR. JLW 03/30/11					
TITLE: Nanocrystalline Inductor Common Mode Chokes CAGE# 5DME2 Horizontal Mount					
SIZE Dwg. No. B HN-H-163U-8A					
SCALE NOT TO SCALE					
SHEET 1 OF 1					