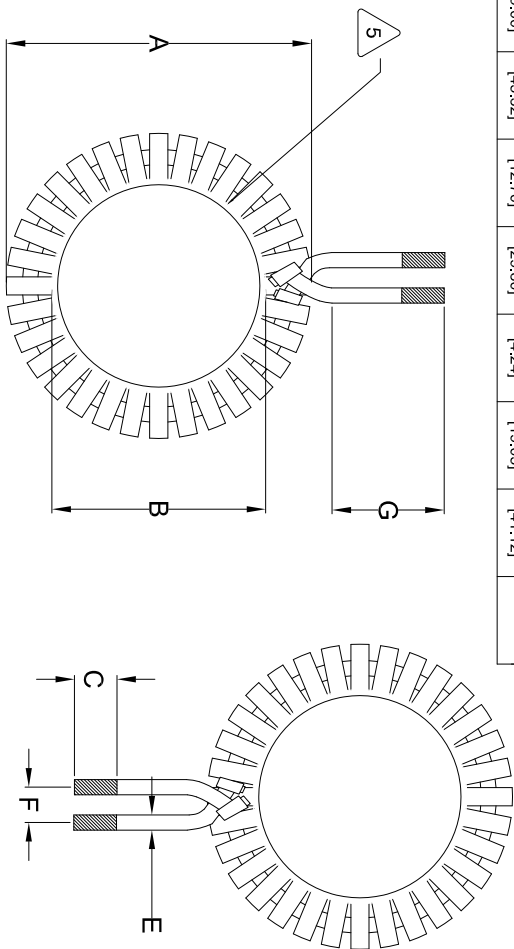


DIMENSIONAL TOLERANCES INCHES [MM]						
A	B	C	D	E	F	G
MAX	MAX	MIN	TYP	TYP	TYP	MIN
2.32 [59.00]	1.78 [45.32]	0.50 [12.70]	1.17 [29.80]	0.16 [4.24]	0.75 [19.05]	1.62 [41.12]

REVISION HISTORY			
REV	ECN	DESCRIPTION	SIGN & DATE
A	N/A	PRODUCTION RELEASE	AK 5/13/16 JL 5/13/16



FREQ	Z
100 KHZ	1.33 Ω
300 KHZ	4.01 Ω
500 KHZ	6.48 Ω
1 MHZ	11.82 Ω
3 MHZ	26.72 Ω
5 MHZ	38.42 Ω
7 MHZ	49.53 Ω
10 MHZ	67.67 Ω

7 BUILT TO ROHS COMPLIANCE

6 LABEL PART NUMBER ON THE INSIDE OF THE METAL CYLINDER.

5 APPLY EPOXY BETWEEN COIL AND METAL CYLINDER HEATSINK.

4 STRIP AND TIN LEADS (NO INSULATION IS ALLOWED BELOW THE BASE LEVEL.)

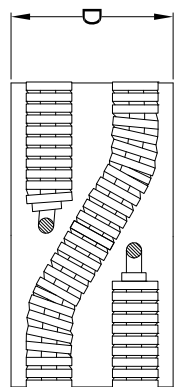
WEIGHT = ~262 GRAMS  
 OPERATING TEMP RANGE = -40°C TO 125°C  
 MAX TEMP RISE = 40°C WITH FORCED AIRFLOW.  
 INTERWINDING ISOLATION = 2000 VOLTS RMS.  
 DCR ON EACH WINDING = 0.47 mΩ MAX  
 SRF > 100 MHZ  
 RATED VOLTAGE = 1000 VAC OR VDC  
 RATED CURRENT = 100 AMPS  
 CONSTRUCTED WITH LHZ WIRE  
 IMPEDANCE = 67.67 Ω @ 10 MHZ  
 L = 2.3uH ± 10% @ 10KHZ, 0.25 Vrms, 0 ADC

3 SPECIFICATIONS AT 25°C:

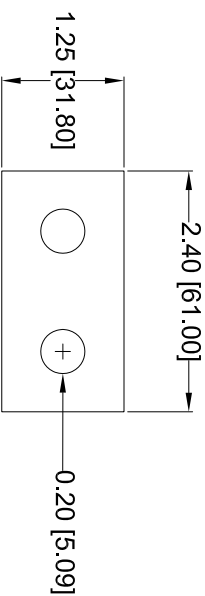
2 WIRE: UL RECOGNIZED 200°C RATED MAGNET WIRE  
 CWS BYTEMARK OR OTHER APPROVED PART  
 CORE: IRON POWDER

1 WIRE RATING CLASS H (180°C) REQUIRED  
 MATERIAL: UL RECOGNIZED FOR FLAMMABILITY

NOTES: UNLESS OTHERWISE SPECIFIED, READ NOTES FROM BOTTOM TO TOP.  
 CAGE CODE: 5DME2



SIDE VIEW



MOUNTING HOLE PATTERN

UNLESS OTHERWISE SPECIFIED	
DIMENSIONING AND TOLERANCE PER ANSI Y14.5M	
ALL DIMENSIONS ARE IN INCHES AND MILLIMETERS	
TOLERANCE NOTES	XX=±0.005
XXX=±0.010	XX±0.010
XXXX=±0.020	XX±0.020
ANGLE PROJECTION	⊕
DO NOT SCALE DRAWING	

AUTOCAD	SOLIDWORKS	DATE	DATE	TITLE:	www.coilws.com	Coil Winding Specialist Inc.
SIGN	SIGN	5/19/16	5/19/16	DRAWN	sales@coilws.com	353 West Grove Ave Orange, California 92865
CHECKED	ENGR.	5/19/16	5/19/16	APPR.	HIGH FREQUENCY INDUCTOR 2.3uH, 100 AMPS VERTICAL MOUNT	
SIZE	SCALE	SIZE	SCALE	REV	DWG. NO. <b>HFIS-2R3M-100AV</b>	
B	N/A	B	N/A	A		