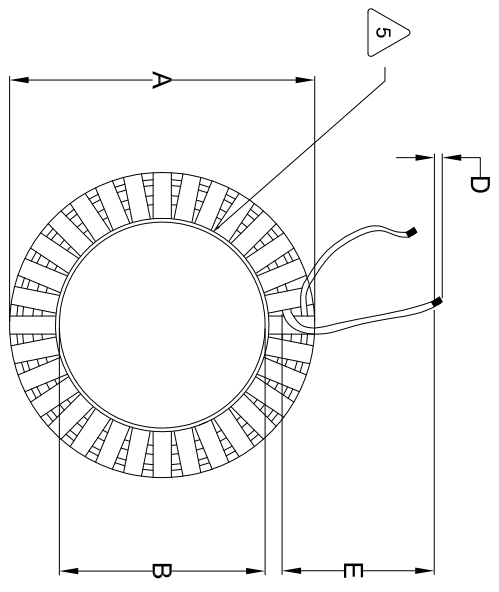
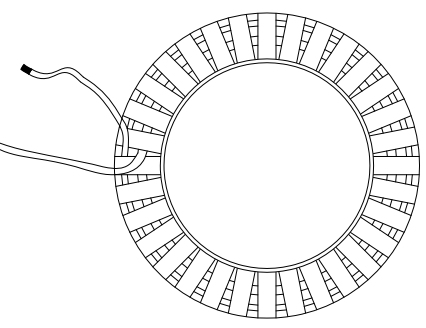


DIMENSIONAL TOLERANCES INCHES [MM]				
A	B	C	D	E
MAX 2.90 [73.77]	MAX 2.40 [61.12]	MAX 1.00 [25.4]	MAX 1.33 [8.51]	MAX 2.24 [56.87]

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



BOTTOM VIEW



TOP VIEW

FREQ	Z
100 KHZ	41.59 Ω
300 KHZ	122.19 Ω
500 KHZ	200.40 Ω
1 MHZ	391.20 Ω
3 MHZ	1160 Ω
5 MHZ	2270 Ω
7 MHZ	5100 Ω
10 MHZ	8900 Ω

5 APPLY EPOXY BETWEEN COIL AND METAL CYLINDER HEATSINK.

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

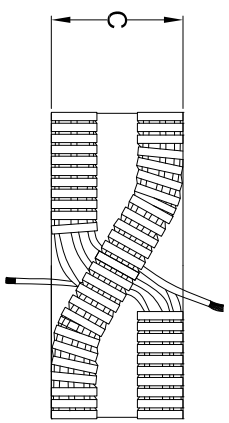
WEIGHT = ~260 GRAMS
 OPERATING TEMP RANGE = -40°C TO 125°C
 MAX TEMP RISE = 40°C WITH FORCED AIRFLOW.
 INTERWINDING ISOLATION = 2000 VOLTS RMS.
 DCR ON EACH WINDING = 27.7 mΩ MAX
 SRF > 100 MHZ
 RATED VOLTAGE = 1000 VAC OR VDC
 RATED CURRENT = 40 AMPS
 CONSTRUCTED WITH Litz WIRE
 IMPEDANCE = 8900 Ω @ 10 MHZ
 L = 67µH±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: MPP

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

UNLESS OTHERWISE SPECIFIED		AUTOCAD	
DIMENSIONING AND TOLERANCE PER ANSI Y14.5M AND (MILLIMETERS)		SOLIDWORKS	
TOLERANCE METRICS: XXXX±.127 XX±.38		SIGN	
ANGLE PROJECTION: 1st Angle		DATE	
DO NOT SCALE DRAWING		DRAWN: AK	
		CHECKED: BO	
		ENGR: JLAU	
		APPR: JLAU	
		DATE: 5/19/16	
		DATE: 5/19/16	
TITLE: HIGH FREQUENCY INDUCTOR		www.coilws.com	
HORIZONTAL MOUNT		353 West Grove Ave	
SIZE: DWG. NO: HFIS-670M-40AH		Orange, California, 92865	
SCALE: N/A		SALES@coilws.com	
SHEET 1 OF 1		REV A	