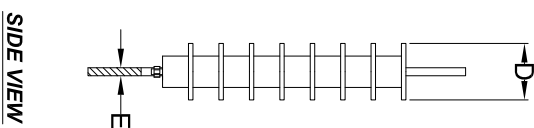
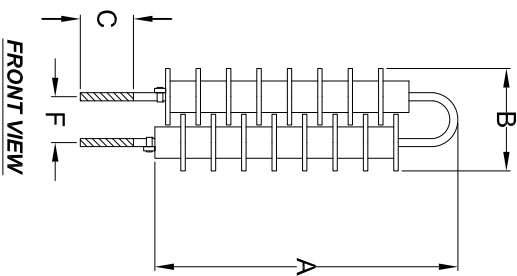


DIMENSIONAL TOLERANCES INCHES [MM]					
A	B	C	D	E	F
MAX 2.00 [51.00]	MAX 1.29 [33.75]	MIN 1.00 [25.40]	TYP 0.73 [18.50]	TYP 0.20 [5.11]	TYP 0.60 [15.37]

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

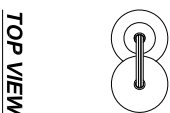


FREQ	Z
100 KHZ	0.36 Ω
300 KHZ	1.16 Ω
500 KHZ	1.89 Ω
1 MHZ	3.46 Ω
3 MHZ	7.96 Ω
5 MHZ	11.6 Ω
7 MHZ	14.95 Ω
10 MHZ	20.17 Ω

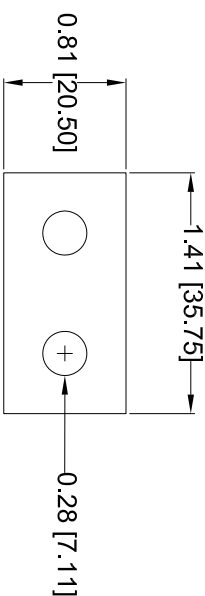
- 6 BUILT TO ROHS COMPLIANCE
- 5 LABEL PART NUMBER AT THE BOTTOM OF THE BASE.
- 4 STRIP AND TIN LEADS (NO INSULATION IS ALLOWED BELOW THE BASE LEVEL.)

WEIGHT = ~80 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 = 0.27 mΩ MAX
 SRF > 100 MHZ
 RATED VOLTAGE = 1000 VAC OR VDC
 RATED CURRENT = 200 AMPS
 CONSTRUCTED WITH Litz WIRE
 IMPEDANCE = 20.17 Ω @ 10 MHZ
 L = 0.6uH ± 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



TOP VIEW



MOUNTING HOLE PATTERN

UNLESS OTHERWISE SPECIFIED		AUTOCAD	
DIMENSIONING AND TOLERANCE PER ANSI Y14.5M		SOLIDWORKS	
ALL DIMENSIONS ARE IN INCHES AND (MILLIMETERS)		SIGN	
TOLERANCE METERS: XXXX±.127		DATE	
TOLERANCE METERS: XXX±.030		DRAWN AK 5/19/16	
TOLERANCE METERS: XX±.38		CHECKED BO 5/19/16	
ANGLE PROJECTION		ENGR. JLAU 5/19/16	
DO NOT SCALE DRAWING		APPR. JLAU 5/19/16	
www.coliws.com		TITLE: HIGH FREQUENCY INDUCTOR	
353 West Grove Ave		0.6uH, 200 AMPS	
Orange, California, 92865		VERTICAL MOUNT	
SIZE DWG. NO.		SCALE	
B		N/A	
HF1-0R6M-200AV		SHEET 1 OF 1	
REV A			