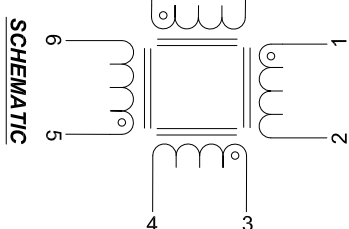
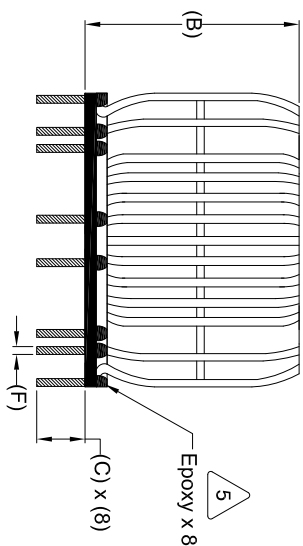
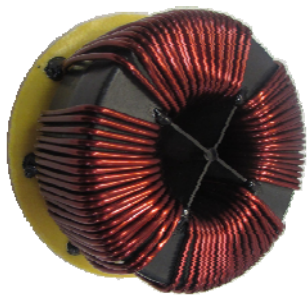


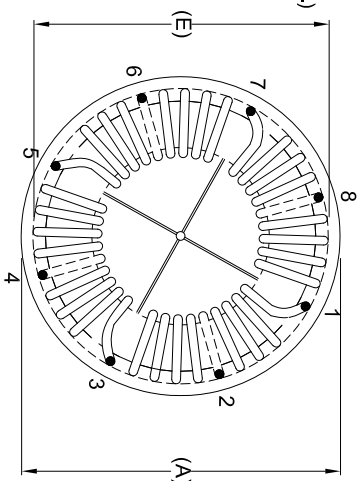
DIMENSIONAL TOLERANCE INCHES [MM]						
A	B	C	E	F	G	
Max	Max	Min	Typ	Typ	Typ	
3.94 [100.00]	1.90 [48.26]	0.50 [12.70]	3.40 [86.36]	0.07 [1.82]	3.31 [84.00]	



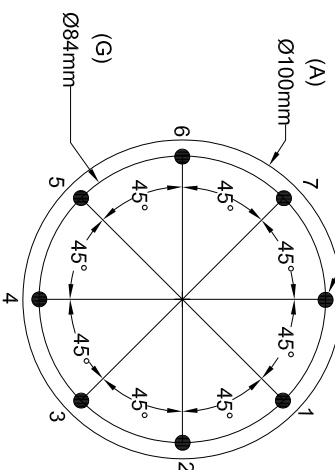
- BUILT TO ROHS COMPLIANCE
- LABEL PART NUMBER AT THE BOTTOM OF THE BASE.
- APPLY EPOXY ON THE LEADS BETWEEN COIL AND BASE.
- STRIP AND TIN LEADS (NO INSULATION IS ALLOWED BELOW THE BASE LEVEL.)

WEIGHT = ~712 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 = 20 mΩ MAX
 SRF ~ 70 KHZ TYP
 RATED VOLTAGE = 1000 VAC OR VDC
 RATED CURRENT = 15 AMPS
 LEAKAGE INDUCTANCE = 41 uH TYP @ 10KHZ, 0.25 Vrms.
 INTERWINDING CAPACITANCE = 91 pF TYP @ SRF
 IMPEDANCE = 24 kΩ NOM @ SRF
 L = 52 mH MIN @ 10KHZ, 0.25 Vrms, 0 ADC

TOP VIEW



Recommended Pin Holes
 Ø0.11 [2.79] (x 8)



FOOT PRINT FOR PCB LAYOUT

FREQ (KHz)	Z (kΩ)
0.5	0.20
1	0.38
10	3.70
20	7.38
50	18.77
75	23.52
100	20.31
300	5.56
500	3.12
1000	1.40
3000	0.15
5000	4.28
7000	1.52
10000	0.81

REVISION HISTORY			
REV	ECN	DESCRIPTION	SIGN & DATE
A	N/A	PRODUCTION RELEASE	AK 5/24/16 JL 5/24/16

- WIRE: UL RECOGNIZED 200°C RATED MAGNET WIRE
 CWS BYTEMARK OR OTHER APPROVED PART
 CORE: NANOCRYSTALLINE OR AMORPHOUS CORE
- CASE RATING CLASS B (130°C) REQUIRED
 MATERIAL: UL RECOGNIZED FOR FLAMMABILITY

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

AUTOCAD SOLIDWORKS		www.coilws.com		Coil Winding Specialist Inc.	
SIGN	DATE	SALES@coilws.com	353 West Grove Ave	Orange, California	92885
DRAWN AK	5/19/16	CHECKED BO	5/19/16	ENGR. JLAU	5/19/16
APPR. JLAU	5/19/16	SIZE B	DWG. NO. FPC-523U-B15A	SCALE N/A	REV A