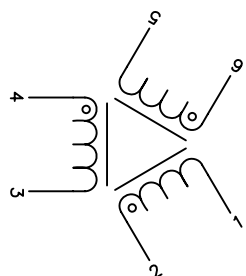
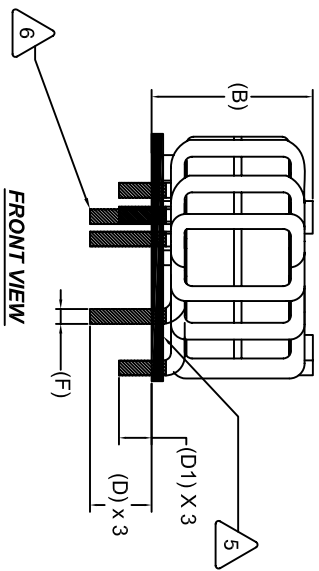


DIMENSIONAL TOLERANCE INCHES [MM]							REVISION HISTORY						
A(OD) Max	B(HGT) Max	D1(LEAD) Min	D(LEAD) Min	E TYP	F (Lead Dia) TYP		REV	ECN	DESCRIPTION	SIGN & DATE			
										BY	DATE	CHK	DATE
							C	140625	FIX DIMENSIONS AND ADD SPEC	AK	07/16/14	BO	07/16/14
2.100 [53.34]	1.150 [29.21]	0.500 [12.70]	0.750 [19.05]	1.85 [47.00]	0.102 [2.60]								



SCHEMATIC

6 TRIM INNER LEADS TO 0.75 AND OUTER LEADS TO 0.5 INCH FROM BOTTOM OF BASE

5 APPLY EPOXY

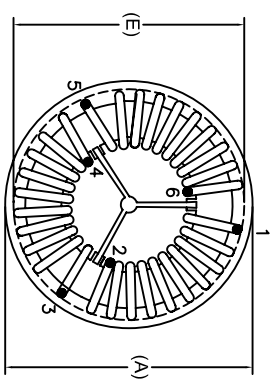
4 STRIP AND TIN LEADS (NO INSULATION IS ALLOWED BELOW THE BASE LEVEL.)

WEIGHT = ~100 GRAMS
OPERATING TEMP RANGE = -40 °C TO 125°C
MAX TEMP RISE = 30 °C
INTERWINDING ISOLATION = 2000 VOLTS RMS.
DCR ON EACH WINDING = 2.0 mΩ MAX.
SRF ~ 5.7 MHz TYP
RATED VOLTAGE = 1000 VAC OR VDC
RATED CURRENT = 30 AMPS
LEAKAGE INDUCTANCE = 1.7 uH TYP @ 10 KHz, 0.25 Vrms.
INTERWINDING CAPACITANCE = 8 pF TYP @ SRF
IMPEDANCE = 1 kΩ NOM @ SRF
L = 1.5 mH MIN @ 1 KHz, 0.25 Vrms, 0 ADC

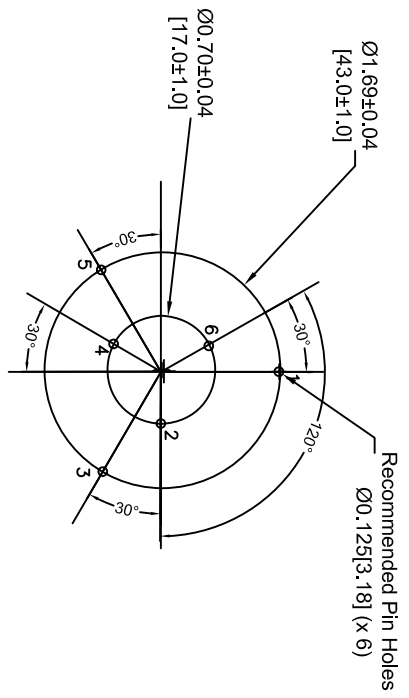
3 SPECIFICATIONS AT 25°C:

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

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



TOP VIEW



MOUNTING HOLES PATTERN

UNLESS OTHERWISE SPECIFIED		DIMENSIONING AND TOLERANCE PER ANSI Y14.5M		TOLERANCE INCHES: .005		TOLERANCE METERS: .127		ANGLE PROJECTION		DO NOT SCALE DRAWING	
AUTOCAD	SOLIDWORKS	SIGN	DATE	DRAWN	GN	CHKD	AK	ENGR.	JLJU	APPR.	JLJU
www.coilw.com		353 West Grove Ave		Orange, California. 92665		TITLE: Nanocrystalline Inductor		Horizontal Mount		SIZE: B	
sales@coilw.com		TPW-152U-B30A		REV: C		SCALE: N/A		SHEET 10F		1	