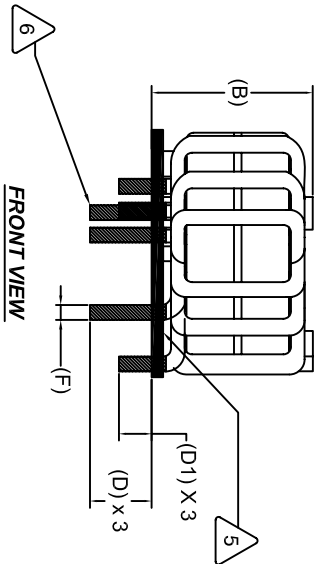
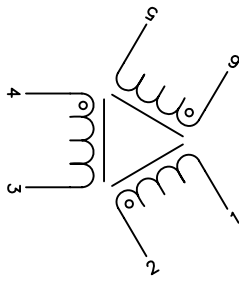


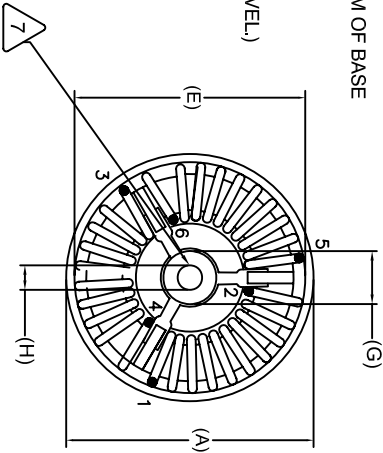
DIMENSIONAL TOLERANCE INCHES [MM]								REVISION HISTORY						
A(OD) Max	B(HGT) Max	D1(LEAD) Min	D(LEAD) Min	E TYP	F (Lead Dia) TYP	G TYP	H Min	REV	ECN	DESCRIPTION	SIGN & DATE			
											BY	DATE	CHK	DATE
								A	140625	PRODUCTION RELEASE	AK	07/16/14	BO	07/16/14
2.700 [68.58]	1.850 [46.72]	0.500 [12.70]	0.750 [19.05]	2.60 [66.04]	0.064 [1.63]	0.600 [15.23]	0.300 [7.61]							



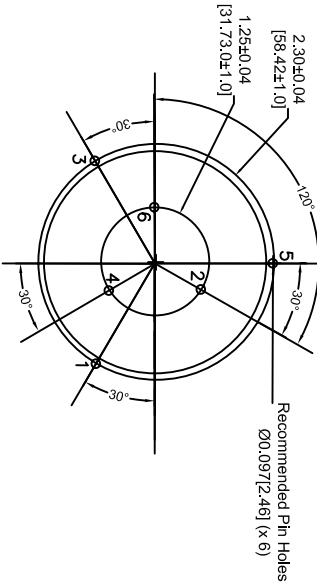
FRONT VIEW



SCHEMATIC



TOP VIEW



MOUNTING HOLES PATTERN

- 9 BUILT TO ROHS COMPLIANCE
- 8 LABEL PART NUMBER AT THE BOTTOM OF THE BASE.
- 7 BOTTOM BASE CENTER HOLE DIAMETER
- 6 TRIM INNER LEADS TO 0.75 AND OUTER LEADS TO 0.5 INCH FROM BOTTOM OF BASE
- 5 APPLY EPOXY BETWEEN COIL AND BASE
- 4 STRIP AND TIN LEADS (NO INSULATION IS ALLOWED BELOW THE BASE LEVEL.)
WEIGHT = ~370 GRAMS
OPERATING TEMP RANGE = -40 °C TO 125°C
MAX TEMP RISE = 40 °C
INTERWINDING ISOLATION = 2000 VOLTS RMS.
DCR ON EACH WINDING = 16 mΩ MAX.
SRF ~ 100 KHz TYP
RATED VOLTAGE = 1000 VAC OR VDC
RATED CURRENT = 22 AMPS
LEAKAGE INDUCTANCE = 58 uH TYP @ 10 KHz, 0.25 Vrms.
INTERWINDING CAPACITANCE = 80 pF TYP @ SRF
IMPEDANCE = 14 kΩ NOM @ SRF
L = 36 mH MIN @ 10 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

AUTOCAD	X	www.coilw.com			
SOLIDWORKS		353 West Grove Ave			
SIGN	DATE	Orange, California. 92865			
DRAWN	AK	07/16/14	TITLE: Nanocrystalline Inductor		
CHECKED	BO	07/16/14	Three-Phase Common Mode Choke		
ENGR.	JLAU	07/16/14	Horizontal Mount		
APPR.	JLAU	07/16/14	SIZE: DIM. NO. TPC-363U-B22A		
ANGLE PROJECTION			SCALE		REV
DO NOT SCALE DRAWING			N/A		A
			SHEET 10F		1