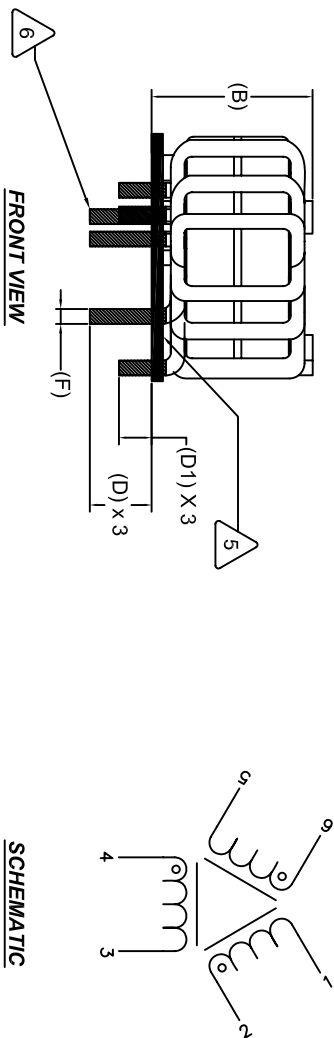


DIMENSIONAL TOLERANCE INCHES [MM]						REVISION HISTORY							
A(OD) Max	B(HGT) Max	D1(LEAD) Min	D(LEAD) Min	E TYP	F (Lead Dia) TYP	REV	ECN	DESCRIPTION		SIGN & DATE			
										BY	DATE	CHK	DATE
						D	140625	FIX DIMENSIONS AND ADD SPEC		AK	07/16/14	BO	07/16/14
2.100 [53.34]	1.150 [29.21]	0.500 [12.70]	0.750 [19.05]	1.750 [44.45]	0.064 [1.63]								



- 8 BUILT TO ROHS COMPLIANCE
- 7 LABEL PART NUMBER AT THE BOTTOM OF THE BASE.

- 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.)

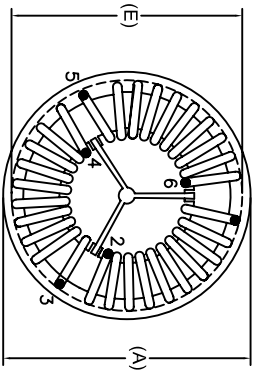
WEIGHT = ~85 GRAMS
OPERATING TEMP RANGE = -40 °C TO 125°C
MAX TEMP RISE = 30 °C
INTERWINDING ISOLATION = 2000 VOLTS RMS.
DCR ON EACH WINDING = 6.5 mΩ MAX.
SRF ~ 2.5 MHz TYP
RATED VOLTAGE = 1000 VAC OR VDC
RATED CURRENT = 15 AMPS
LEAKAGE INDUCTANCE = 6 uH TYP @ 10 KHz, 0.25 Vrms.
INTERWINDING CAPACITANCE = 6 pF TYP @ SRF
IMPEDANCE = 3 kΩ NOM @ SRF
L = 5 mH MIN @ 1 KHz, 0.25 Vrms, 0 ADC

- 3 SPECIFICATIONS AT 25°C:

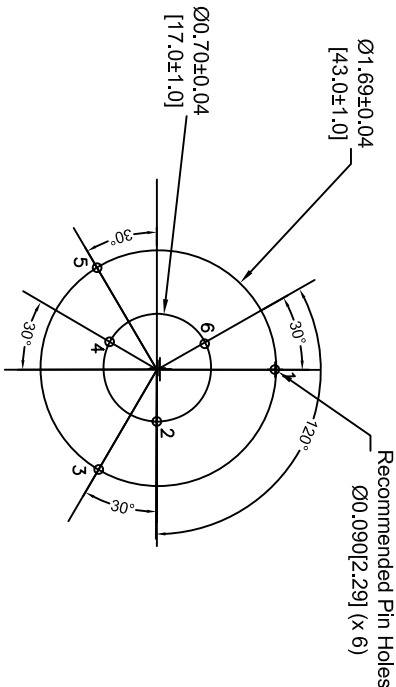
- WIRE: UL RECOGNIZED 200°C RATED MAGNET WIRE
CWS BYTEMARK OR OTHER APPROVED PART
CORE: NANOCRYSTALLINE OR AMORPHOUS CORE

- 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

AUTOCAD	X	www.coliws.com	Coil Winding Specialist Inc.
SOLIDWORKS		sales@coliws.com	353 West Grove Ave
SIGN	DATE	Orange, California. 92665	
DRAWN GN	6/12/12	TITLE: Nanocrystalline Inductor	
CHECKD AK	6/12/12	Three-Phase Common Mode Choke	
ENGR. JLAU	6/12/12	Horizontal Mount	
APPR. JLAU	6/12/12	SIZE [DIM. NO.] B	REV D
SCALE N/A		TPW-502U-B15A	
DO NOT SCALE DRAWING			