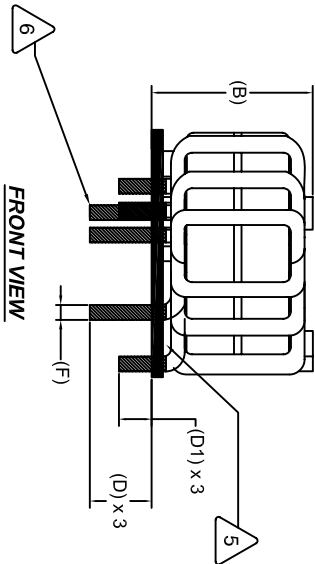
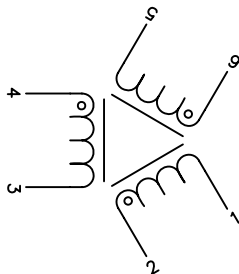


DIMENSIONAL TOLERANCE INCHES [MM]					REVISION HISTORY				
A(OD) Max	B(HGT) Max	D1(LEAD) Min	D(LEAD) Min	E TYP	F (Lead Dia) TYP	REV	ECN	DESCRIPTION	SIGN & DATE
3.350 [85.09]	2.300 [58.42]	0.500 [12.70]	0.75 [19.05]	3.27 [83.05]	0.128 [3.26]	A	140630	PRODUCTION RELEASE	BY AK DATE 6/20/14 CHK JLU DATE 6/20/14



FRONT VIEW



SCHEMATIC

- 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 BETWEEN COIL AND BASE

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

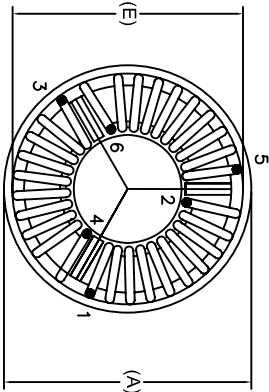
WEIGHT = ~786 GRAMS
OPERATING TEMP RANGE = -40 °C TO 125°C
MAX TEMP RISE = 30 °C
INTERWINDING ISOLATION = 2000 VOLTS RMS.
DCR ON EACH WINDING = 4 mΩ MAX.
SRF ~ 160 KHz TYP
RATED VOLTAGE = 1000 VAC OR VDC
RATED CURRENT = 50 AMPS
LEAKAGE INDUCTANCE = 19 uH TYP @ 10 KHz, 0.25 Vrms.
INTERWINDING CAPACITANCE= 48 pF TYP @ SRF
IMPEDANCE = 12 kΩ NOM @ SRF
L = 24 mH MIN @ 10 KHz, 0.25 Vrms, 0 ADC

- 3 SPECIFICATIONS AT 25°C:

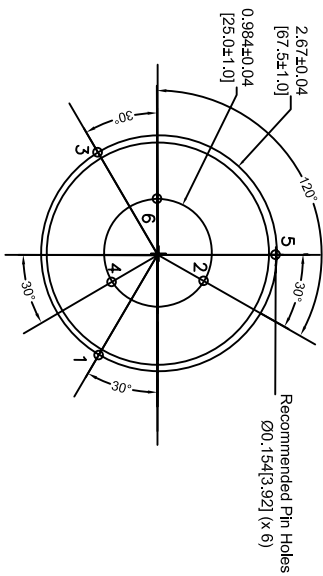
- WIRE: UL RECOGNIZED 200°C RATED MAGNET WIRE
CWS BYTEMARK OR OTHER APPROVED PART
CORE: NANOCRYSTALLINE OR AMORPHOUS CORE

- 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.coilw.com	Coil Winding Specialist Inc.
SOLIDWORKS		353 West Grove Ave	
SIGN	DATE	sales@coilw.com	Orange, California. 92865
DRAWN	AK	6/19/14	
CHKD	BO	6/19/14	
ENGR.	JLU	6/19/14	
APPR.	JLU	6/19/14	
SCALE	N/A	SIZE Dwg. NO.	TPA-243U-B50A
DO NOT SCALE DRAWING		REV	A