property of Coll Winding Specialist Inc. (CWS mission of CWS is prohibited.

140625	>	0.300 [7.61]	0.600 [15.23]	0.102 [2.59]	2.550 [64.77]	0.750 [19.05]	0.500 [12.70]	1.800 [45.72]	2.600 [66.04]
ECN	REV	Ŧ	9	(Lead Dia)	ļ m	D(LEAD)	D1(LEAD)	в(нст)	A(OD)

DIMENSIONAL TOLERANCE INCHES [MM]

REVISION HISTORY

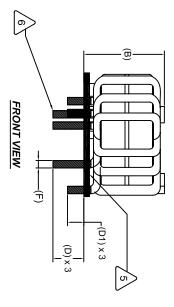
DESCRIPTION

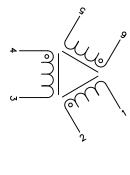
PRODUCTION RELEASE

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06/25/14 BO CH PATE

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SCHEMATIC

9 **BUILT TO RoHS COMPLIANCE**

LABEL PART NUMBER AT THE BOTTOM OF THE BASE.

|>>

BOTTOM BASE CENTER HOLE DIAMETER

APPLY EPOXY BETWEEN COIL AND BASE

6 5 TRIM INNER LEADS TO 0.75 AND OUTER LEADS TO 0.5 INCH FROM BOTTOM OF BASE

WEIGHT = ~297 GRAMS

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

DCR ON EACH WINDING = $4 \text{ m}\Omega$ MAX. INTERWINDING ISOLATION = 2000 VOLTS RMS OPERATING TEMP RANGE = -40 °C TO 125°C SRF ~ 2.0 MHz TYP MAX TEMP RISE = 40 °C

RATED VOLTAGE = 1000 VAC OR VDC RATED CURRENT = 40 AMPS

IMPEDANCE = $5 \text{ k}\Omega \text{ NOM } \text{ } \text{@} \text{ SRF}$ INTERWINDING CAPACITANCE=7 pF TYP @ SRF LEAKAGE INDUCTANCE = 8 uH TYP @ 10 KHz, 0.25 Vrms.

L = 3.5 mH MIN @ 10 KHz, 0.25 Vrms, 0 ADC

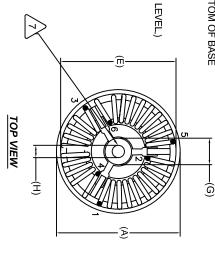
W SPECIFICATIONS AT 25°C:

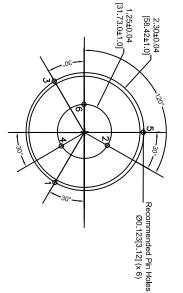
WIRE: UL RECOGNIZED 200°C RATED MAGNET WIRE CWS BYTEMARK OR OTHER APPROVED PART

N 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: 5DME2





MOUNTING HOLES PATTERN

o' ENGR. JLAU	UNLESS OTHERWISE SPECIFIED DIMENSIONING AND TOLERANCE PER ANS 1/1.5M AL DIMENSION, ARE IN INCHES AND [MILMETERS].	AUTOCAD SOLIDWORKS SIGN DRAWN AK OMEDIED BO	X WW DATE S 6/25/14 ITILE:	åe ₹	www.coilws.com Coil Winding Specialist Inc. 353 West Grove Ave Orange, Colifornia, 92865
		- 1		Three_Phas	e Common Mode Ch
JUM 6/25/14 B TPC-35211-B40A	TOLERANCE INCHES:	ENGR.	8/25/14	Horizontal Ma	oun†
JLAU 6/25/14 B	TOLERANCE METRICS:	ADDD		DWG. NO.	
	.xxx=±.127 .xx=±.38 <1=±0.30	APPR. JLAU	6/25/14		352U—R40A

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DO NOT SCALE DRAWING

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