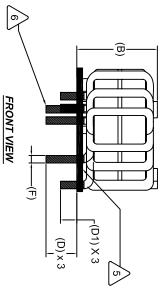
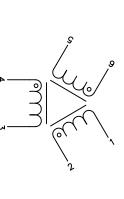
		DIMENSIC	DIMENSIONAL TOLERANCE INCHES [MM]	ANCE INC	HES [MM]					REVISION HISTORY		
					,			P P	REV FON	DESCRIPTION		SIG
A(0D)	B(HGT)	D1(LEAD)	D(LEAD)		(1)	၈	I	į	1011	or cooking the coo	ВҮ	DATE
Max	Max	Min	Min	ΤΥP	TYP	ΤΥP	Min	>	140625	PRODUCTION RELEASE	AK	07/16/
2.750	1.900	0.500	0.750	2.58	0.102	0.600	0.300					
[69.85]	[48.26]	[12.70]	[19.05]	[65.53]	[2.59]	[15.23]	[7.61]					

07/16/1





SCHEMATIC

- 9 **BUILT TO RoHS COMPLIANCE**
- LABEL PART NUMBER AT THE BOTTOM OF THE BASE.

 $|\overline{\rightarrow}$ BOTTOM BASE CENTER HOLE DIAMETER

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

6

5 APPLY EPOXY BETWEEN COIL AND BASE

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

SRF $\sim 200~\text{KHz TYP}$ DCR ON EACH WINDING = $5.5 \text{ m}\Omega$ MAX. INTERWINDING ISOLATION = 2000 VOLTS RMS MAX TEMP RISE = 40 °C OPERATING TEMP RANGE = -40 °C TO 125°C WEIGHT = ~350 GRAMS

RATED VOLTAGE = 1000 VAC OR VDC RATED CURRENT = 37 AMPS

INTERWINDING CAPACITANCE = 55 pF TYP @ SRF LEAKAGE INDUCTANCE =19 uH TYP @ 10 KHz, 0.25 Vrms.

IMPEDANCE =5.4 $k\Omega$ NOM @ SRF

L =13 mH MIN @ 10 KHz, 0.25 Vrms, 0 ADC

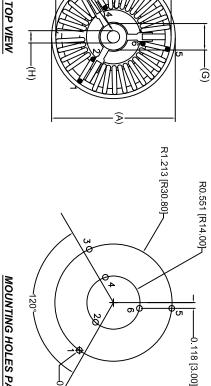
W SPECIFICATIONS AT 25°C:

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.



MOUNTING HOLES PATTERN

0 118 [3 00]

	AUTOCAD	Å		0, 11 14/15 2 0 5 0 5 0 10 10 10 15)
	SOLIDWORKS		www.conws.com	www.comws.com con williamly specialist inc.	ċ
UNLESS OTHERWISE SPECIFIED	SIGN	DATE	sales@coilws.com	sales@coilws.com 353 West Grove Ave	
			4	orange, camorina. azoco	
TOLERANCE PER ANSI Y14.5M	DRAWN AK 07/16/14 TITLE:	07/16/14		Nanocrystalline Inductor	
ALL DIMENSIONS ARE IN INCHES AND [MILIMETERS].	BO	B0 07/16/14	Three-Phas	Three-Phase Common Mode Choke	oke
TOLERANCE INCHES: ENGR. JLAU 07/16/14	ENGR. JLAU	07/16/14	Horizontal Mount	ount	
TOLERANCE METRICS: XXX=±.127 XX=±.38 <=±0.30 APPR. II AII 07/16/14 D	APPR.	07/16/14		TDC1	> P
ANGLE PROJECTION 🔷 📥	S	0//10/14			>

CAGE CODE: 5DME2 ANGLE PROJECTION 🔷 🚭 DO NOT SCALE DRAWING

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SHEET OF