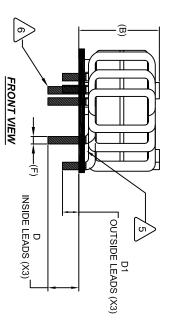
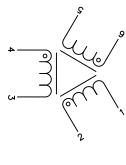
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		DIMENSIO	DIMENSIONAL TOLERANCE INCHES [MM]	ANCE INC	HES [MM]				REVISION HISTORY				
					-		REV FON	FCN	DESCRIPTION		SIGN & DATE	DATE	
A(OD)	B(HGT)	D1(LEAD)	D(LEAD)	ш			į	-		BY	DATE CHK	웆	DATE
Max	Max	Min	Min	TYP	(Ledd bla)		Α		PRODUCTION RELEASE	TN	TN 01/13/2020 JL 01/13/2020	J.	1/13/202
2.60	1.46	0.500	0.75		0.10								
[66.00]	[37.00]	[12.70]	[19.05]	[65.00]	[2.33]								





SCHEMATIC

9 **BUILT TO RoHS COMPLIANCE**

ω LABEL PART NUMBER AT THE BOTTOM OF THE BASE.

VARNISH PART WITH AC43 OR EQUIVALENT

6

5 APPLY EPOXY BETWEEN COIL AND BASE AND IN SLOTS OF THE SPACER.

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

OPERATING TEMP RANGE = -40 °C TO 125°C WEIGHT = 210 GRAMS TYP SRF = 733 KHz TYP DCR ON EACH WINDING = $10.7 \text{ m}\Omega$ MAX. INTERWINDING ISOLATION = 2000 VOLTS RMS. MAX TEMP RISE = 30 °C

RATED VOLTAGE = 1000 VAC OR VDC

RATED CURRENT = 20 AMPS

INTERWINDING CAPACITANCE = 18pF TYP @ SRF LEAKAGE INDUCTANCE = 7.26uH TYP @ 10 KHz, 0.1 Vrms.

IMPEDANCE = 7.90k Ω TYP @ SRF

L = 4.0mH TYP @ 100 KHz, 0.1 Vrms, 0 ADC L = 8.0mH MIN @ 10 KHz, 0.1 Vrms, 0 ADC

ω SPECIFICATIONS AT 25°C:

WIRE: UL RECOGNIZED LITZ WIRE CWS BYTEMARK OR OTHER APPROV

CORE

N

MATERI CASE R

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

(A1) 1.25±0.008—	(A2) 2.30±0.008	NDED MOUNTING HOLES	
[31.75±0.20]	[58.42±0.20]	Ø0.12[3.00] (x6)	
MOUNTING HOLES PATTERN	22	ES-4-30-200.31±0.004 (6) [7.87±0.10]	

MOUNTING HOLES PATTERN

TOP VIEW

SY IEMARK OR CIHER ATTROVED TAKE	
NANOCRYSTALLINE OR AMORPHOUS CORE	
RATING CLASS H (180°C) REQUIRED	
RIAL: UL RECOGNIZED FOR FLAMMABILITY	

NOTES: UNLESS OTHERWISE SPECIFIED, READ NOTES FROM BOTTOM TO TOP. CAGE CODE: 5DME2

DO NOT SCALE DRAWING	ANGLE PROJECTION 🔷 🚭	.xxx=±.127 .xx=±.38 <=±0°30′ APPR.	TOLERANCE METRICS:		AND [MILIMETERS].	ALL DIMENSIONS ARE IN INCHES T			UNLESS OTHERWISE SPECIFIED		
	i		-	ENGR. JL	JM	OUTOUT	DRAWN	SIGN	202	SOLIDWORKS	20.000
	01/10/2020	.ll 01/13/2020 B	, ,	01/13/2020	01/13/2020		01/13/2020	DAIE	DATE:		;
SCALE N/A			ON SMO JZIS	Common Mode	JM 01/13/2020 Three-Phase High Frequency		DRAWN TN 01/13/2020 Nanocrystalline Inductor	sales@collws.com		www.conws.com con williamly specialist inc.	
	0000	THE-80311-304		Choke - Hc	h Frequenc		nductor	Orange, California. 92865	353 West Grove Ave	Coll vyllidilig	
SHEET OF) 		prizontal Mo	, <			nia. 92865	Ave	opecialist III	Concine of the
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