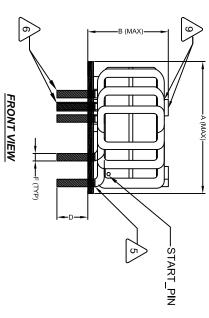
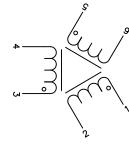
sole property of Coll Winding Specialist Inc. (CWS permission of CWS is prohibited.

2.55±0.02 [64.77±0.60]	A(OD) MAX	DIMENSI
1.65 [41.91]	B(HGT) MAX	ONAL TOLER
0.39 [10.00]	D(LEAD) MIN	DIMENSIONAL TOLERANCE INCHES [MM]
0.065 [1.65]	F (Lead Dia) TYP) [MM]

08/18/21	JL	08/18/21 JL 08/18/21	TN	REVISED MOUNTING HOLES PATTERN & OD,HT SPEC.		၁
08/02/21	JL	08/02/21 JL 08/02/21	TN	REVISED MOUNTING HOLES PATTERN DIM. & SPEC.		В
DATE	CHK	DATE	ВΥ		-61	į
	% DATE	SIGN & DATE		DESCRIPTION	NOF	۸ظظ
				REVISION HISTORY		





BUILT TO RoHS COMPLIANCE AND LEAD FREE

WIRE WINDING MUST BE BELOW SPACER HEIGHT.

ω

MARK PART NUMBER AND REVISION AT THE BOTTOM OF THE BASE.

6 TRIM LEAD TO 0.30 INCH FROM BOTTOM OF BASE

5 ATTACHED PART TO CUSTOM BASE AND APPLY EPOXY

STRIP AND TIN LEAD TO ~ 0.75 INCH

INTERWINDING ISOLATION = 2000 VOLTS RMS MAX TEMP RISE = 40 °C OPERATING TEMP RANGE = -40 °C TO 130°C WEIGHT = ~180 GRAMS

DCR ON EACH WINDING = $8.5 \text{ m}\Omega$ MAX. SRF ~ 1.42 MHz TYP

RATED VOLTAGE = 1000 VAC OR VDC RATED CURRENT = 20 AMPS

INTERWINDING CAPACITANCE= 1.28 pF TYP @ 10 KHz. LEAKAGE INDUCTANCE = 9 uH TYP @ 10 KHz, 0.25 Vrms.

IMPEDANCE = $6.6 \text{ k}\Omega \text{ NOM } @ 1.42 \text{ MHz}$

L = 6.5 mH MIN @ 1 KHz, 0.25 Vrms, 0 ADC

INSULATION RESISTANCE = 100 MEGA-OHMS MIN. @ 500 VDC

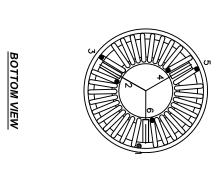
W SPECIFICATIONS AT 25°C:

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

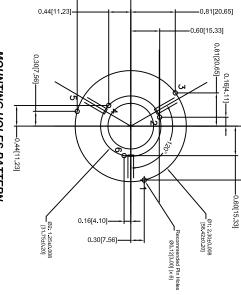
 $|\rangle$ CORE: NANOCRYSTALLINE OR AMORPHOUS CORE

CASE RATING CLASS B (130°C) REQUIRED MATERIAL: UL RECOGNIZED 94V-0 FOR FLAMMABILITY

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



SCHEMATIC



MOC
INLINC
i HOLE
SPAL
LKN

1.11[28.21]

DO NOT SCALE DRAWING	ANGLE PROJECTION 🔷 📥	.xxx=±.127 .xx=±.38 <=±0.30' AppR.	.XXX=±.005 .XX=±.015 <=±0°30' ENGR. TOLERANCE METRICS:	ALL DIMENSIONS ARE IN INCHES AND [MILIMETERS].	TOLERANCE PER ANSI Y14.5M	UNLESS OTHERWISE SPECIFIED				
	Į.	- 1	ENGR. JLAU	CHECKED AK	DRAWN GN	SIGN	SOLIDWORKS	AUTOCAD		QTY
		- 1	AU 6/12/12	6/1		0	ŝ			CODE
	6/12/12			6/12/12	6/12/12	DATE		×		
SCALE 9-1	B IFC-	T T T T T T T T T T T T T T T T T T T	SIZE INV. NO.	Three-Pho	Manocrys	sales@coilws.com	WWW.COHWS.COM		PAR ⁻	MFG. P/N
SHEET 10F	-802U-B20A		Three-Phase Common Mode Choke Horizontal Mount TPC-802U-B20A RE		Nanocrystalline Inductor	353 West Grove Ave Orange, California. 92865	www.coilws.com Coll Winding Specialist Inc.		PARTS LIST	DESCRIPTION
_	C	į	5	oke			<u>.</u>			NO.

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