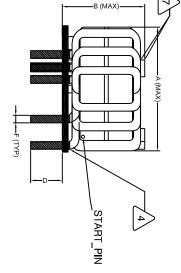
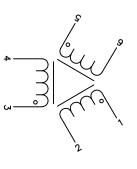
		DIMENSION	AL TOLERA	DIMENSIONAL TOLERANCE INCHES [MM.	S [MM]	
A(OD) Max	B(HGT) Max	C(ID)	D(LEAD)		F (Lead Dia) TYP	
2.60 [66.04]	1.70 [43.18]		0.394 [10.0]		0.101 [2.56]	

04/17/23	۴	04/17/23 JL 04/17/23	TN	DELETED ORIGINAL NOTES 4, 6 AND REARRANGED TN NEW NUMBERS. REVISED A & B DIMENSIONS		င
12/02/22	۴	12/02/22 JL 12/02/22	¥	CORRECTED TYPO IN THE Y DIM OF PINS 1 AND 6 ON THE MOUNTING HOLE PATTERN		B1
DATE	<u>웆</u>	DATE	Вү	DESCRIPTION	REV ECN	7.5
Ħ	SIGN & DATE	SIGN			;	,
				REVISION HISTORY		





FRONT VIEW

SCHEMATIC

BUILT TO RoHS COMPLIANCE AND LEAD FREE.

WIRE WINDING MUST BE BELOW SPACER HEIGHT.

6

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

ATTACHED PART TO CUSTOM BASE AND APPLY EPOXY

DCR ON EACH WINDING = $2.0 \text{ m}\Omega$ MAX. OPERATING TEMP RANGE = -40 °C TO 130°C SRF ~ 2.1 MHz TYP INTERWINDING ISOLATION = 2000 VOLTS RMS. MAX TEMP RISE = 40 °C WEIGHT = ~210 GRAMS

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

LEAKAGE INDUCTANCE = 3.04 uH TYP @ 10 KHz, 0.25 Vrms. INTERWINDING CAPACITANCE= 1.9 pF TYP @ 10 KHz.

L = 2.5 mH MIN @ 1 KHz, 0.25 Vrms, 0 ADC IMPEDANCE = $1.78 \text{ k}\Omega \text{ NOM } @ 2.1 \text{ MHz}$

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

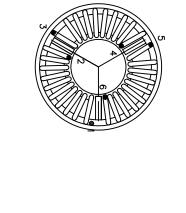
И SPECIFICATIONS AT 25°C:

WIRE: UL RECOGNIZED 200°C RATED MAGNET WIRE

2 CWS BYTEMARK OR OTHER APPROVED PART CORE: NANOCRYSTALLINE OR AMORPHOUS CORE

CASE RATING CLASS B (130°C) REQUIRED

MATERIAL: UL RECOGNIZED 94V-0 FOR FLAMMABILITY



0.27[6.90]—	 	0.72[18.30]
		0.40[10.00]
0.34[8.69]	.138[3.50]	0.66[16.70] 0.70[10.10] 0.66[16.70] 0.70[10.10] 0.70[1

BOTTOM VIEW

0.91[23.20]

CODE IDENT	
MFG. P/N	
DESC	

MOUNTING HOLES PATTERN

DO NOT SCALE DRAWING	ANGLE PROJECTION 🔷 🚭	.xxx=±.127 .xx=±.38 <=±0.30' APPR.	TOLERANCE METRICS:	.XXX=±.005 .XX=±.015 &=±0'30' ENGR.	ALL DIMENSIONS ARE IN INCHES AND [MILIMETERS].	TOLERANCE PER ANSI Y14.5M	UNLESS OTHERWISE SPECIFIED				
•		- 1			CHECKED	DRAWN	SIGN	SOLIDWORKS	AUTOCAD		γTΩ
	Ş	A		JIAU	¥	GN	ž	ORKS	6		CODE
	0/12/12	6/10/10	1	6/12/12	6/12/12	6/12/12 TITLE:	DATE		×		–
SCALE 9-1	Ū	0 1	SIZE DWG NO	Horizontal Mount	Three-Pho		sales@coilws.com	www.conws.con		PAR	MFG. P/N
SHEET 1OF		TDC309 _B101		Mount	Three-Phase Common Mode Choke	Nanocrystalline Inductor	Orange, California. 92865	www.comws.com	- Call Winding Specialist In	PARTS LIST	DESCRIPTION
_	C) į	קק		oke			<u>.</u>	5		NO.

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

EP FORM0005 REV 4 2011