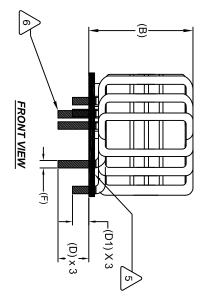
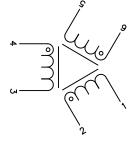


A(OD) Max	B(HGT) Max	D1(LEAD) Min	D(LEAD) Min	(Lead Dia)	
1.968 [50.00]	1.800 [45.72]	0.350 [8.89]	0.500 [12.70]	0.081 [2.05]	

	DIMICIACIO	DIMICIASIONAE TOFFICAMOE MACTES [MM]	CIACL HACI	ILO LIMINI		
NGT)	D1(LEAD) D(LEAD) Min Min	D(LEAD)		F (Lead Dia) TYP		» RE
1 800 45 72]	0.350 [8.89]	0.500 [12.70]		0.081 [2.05]		₩

05/14/18	JM	05/14/18 JM 05/14/18	TN	UPDATED MECH. DIM.	N/A	
09/25/14	₽0	09/25/14 B0 09/25/14	Ą	PRODUCTION RELEASE	140922	
DATE		SIGN & DATE DATE CHK	BY	DESCRIPTION	ECN	2
				REVISION HISTORY		





SCHEMATIC

ω **BUILT TO RoHS COMPLIANCE**

5 APPLY EPOXY

6 TRIM INNER LEADS TO 0.50 AND OUTER LEADS TO 0.35 INCH FROM BOTTOM OF BASE

LABEL PART NUMBER AT THE BOTTOM OF THE BASE.



MAX TEMP RISE = 30°C OPERATING TEMP RANGE = -40°C TO 125°C

INTERWINDING ISOLATION = 2000 VOLTS RMS

DCR ON EACH WINDING = $6.5 \text{ m}\Omega$ MAX

SRF = 380 KHz TYP

RATED VOLTAGE = 1000 VAC OR VDC RATED CURRENT = 25 AMPS

INTERWINDING CAPACITANCE = 25 pF TYP @ SRF LEAKAGE INDUCTANCE =11 uH TYP @ 10 KHz, 0.25 Vrms

IMPEDANCE = $5 \text{ k}\Omega \text{ NOM } @ \text{ SRF}$

L = 10.0 mH MIN @ 10 KHz, 0.25 Vrms, 0 ADC

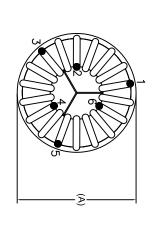
ω SPECIFICATIONS AT 25°C:

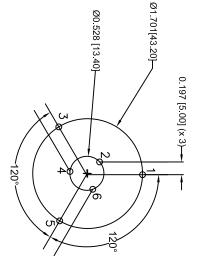
WIRE: UL RECOGNIZED 200°C RATED MAGNET WIRE CWS BYTEMARK OR OTHER APPROVED PART

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





TOP VIEW

MOUNTING HOLES PATTERN

DO NOT SCALE DRAWING	ANGLE PROJECTION 🔷 🚭	.xxx=±.127 .xx=±.38 <=±0°30′ APPR.	TOLERANCE METRICS:	TOLERANCE INCHES: .XXX=±.005 .XX=±.015 <\(\) =±0°30° ENGR.		ALL DIMENSIONS ARE IN INCHES AND [MILIMETERS].	OCERGINACE PER AND 114:0M	DIMENSIONING AND		UNLESS OTHERWISE SPECIFIED		
	8	5		ENGR. JLAU 9/23/14		CHECKED BO	3			SIGN	SOLIDWORKS	AUTOCAD
	a/ 23/ 14	11/20/0	1 1-	9/23/14	-11	9/23/14	8/23/I#	11/20/0		DATE		×
SCALE N/			SIZE DWG NO	Horizontal Mount		Thre			0	sales@coilws.com	www.conws.com	
A	 - -	³ B-1C				e-Phase	ocrysial				/s.com	
		TPB-103U-B25A		nī	Common		Nanocrystalline Inductor		Orange, California. 92865			
SHEET 10F	707	-B25A				Three-Phase Common Mode Choke	Ç		ve Ave rnia. 92865		Coll Millaring Specialist IIIC	, Opposionist In
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