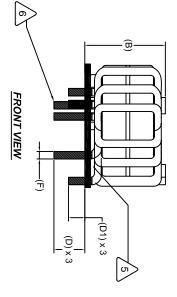
ole property of Coll Winding Specialist Inc. (CWS permission of CWS is prohibited.

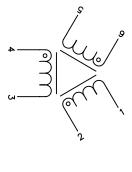
		DIMENSIO	DIMENSIONAL TOLERANCE INCHES [MM]	ANCE INC	HES [MM]				REVISION HISTORY
A(OD)	В(нст)	D1(LEAD)	D(LEAD)		ر الله الله الله الله الله الله الله الل		REV	REV ECN	DESCRIPTION
Max	Max	Min	Min	ΤΥP	TYP		>	140630	PRODUCTION RELEASE
3.300	2.300	0.500	0.75	3.200	0.081				
[83.82]	[58.42]	[12.70]	[19.05]	[81.28]	[2.06]				

₹

6/20/14

CHK DATE Ę 6/20/14





SCHEMATIC

## ω **BUILT TO RoHS COMPLIANCE**



LABEL PART NUMBER AT THE BOTTOM OF THE BASE.



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



DCR ON EACH WINDING =  $25 \text{ m}\Omega$  MAX. SRF  $\sim 45 \text{ KHz TYP}$ 

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

INTERWINDING CAPACITANCE= 105 pF TYP @ SRF LEAKAGE INDUCTANCE = 97 uH TYP @ 10 KHz, 0.25 Vrms.

L = 115 mH MIN @ 10 KHz, 0.25 Vrms, 0 ADC IMPEDANCE =  $43 \text{ k}\Omega \text{ NOM } @ \text{ SRF}$ 

W SPECIFICATIONS AT 25°C:

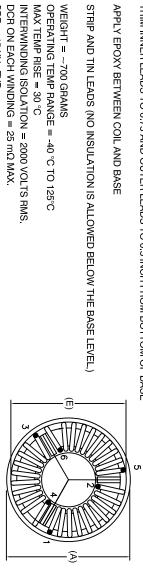
WIRE: UL RECOGNIZED 200°C RATED MAGNET WIRE CWS BYTEMARK OR OTHER APPROVED PART

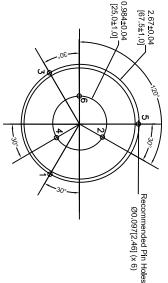
N CORE: NANOCRYSTALLINE OR AMORPHOUS CORE

CASE RATING CLASS B (130°C) REQUIRED

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

MATERIAL: UL RECOGNIZED FOR FLAMMABILITY





TOP VIEW

**MOUNTING HOLES PATTERN** 

DO NOT SCALE DRAWING	ANGLE PROJECTION 🛞 🖅		TOLERANCE INCHES: .XXX=±.005 .XX=±.015				TOLERANCE PER ANSI Y14.5M ALL DIMENSIONS ARE IN INCHES AND [MILIMETERS].				UNLESS OTHERWISE SPECIFIED		
		OD-CO					BO		DRAWN AK		SIGN	SOLIDWORKS	AUTUCAD
		0/19/17	6/10/14	,	JLAU 6/19/14		6/19/14		6/19/14 TITLE:	DATE			>
SCALE N/A		B TPA-			Horizoniai Mouni		Three-Pha				sales@coilws.com	www.coilws.com Coil Winding Specialist Inc.	
SHEET 10F		TPA-1153U-B20A			NOUTII		Three-Phase Common Mode Choke		Nanocrystalline Inductor	orango, camorina, czoco	Orange California 92865	Coll William Specialist III	Coll Winding Opposition in
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