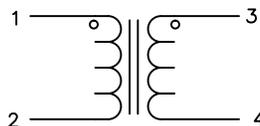


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REVISION HISTORY

REV	ECN	DESCRIPTION	SIGN & DATE			
			BY	DATE	CHK	DATE
B		PRE-PRODUCTION RELEASE	TDK	9/20/04	JLAU	9/20/04
C		PRODUCTION RELEASE	TDK	3/20/06	JLAU	3/20/06
D		CHANGE CORE, DIMENSIONS, WIRE SIZE	KLC	9/18/08	RL	9/16/08
E		UPDATED	RCL	7/5/11	JLAU	7/5/11



SCHMATIC

7 BUILD TO ROHS COMPLIANCE AND LEAD FREE

WHERE SHOWN, USING A PERMANENT MARKING METHOD MARK PART NUMBER AND REVISION IN APPROX WRAP INDUCTOR WITH TAPE, (PER NOTE 2)



TO THE CORE MUST REST FLAT ON PCB). LEADS MUST BE TANGENT FLUSH WITH THE COIL EDGE, AS SHOWN (I.E. COIL REMOVE INSULATION AND TIN LEADS APPROX. 0.40 INCH



CORE AND EVENLY SPACED, NOTE POLARITY WIND SINGLE LAYER ON EACH SIDE OF CONSTRUCTION:

4

TO INSURE INTERGRITY OF WINDING SEPARATION HI-POT TEST FOR INTERWINDING ISOLATION, 250 VDC POWER LOSS= 3.6 W MAX.@ 20A/COIL DCR= 4.5 mOHMS MAX./COIL, MEASURED USING QUADTECH 2200 L= MEASURED AT .330mH MIN/COIL

3 SPECIFICATIONS:

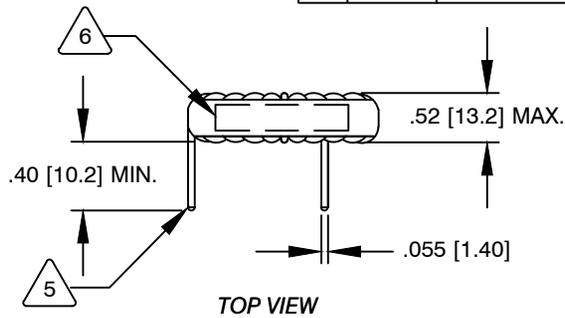
APPROVED PART OUTER WRAP: 3M #11 OR #69 OR OTHER CWS WIRE: UL RECOGNIZED 155°C RATING MAGNET WIRE CWS BYTEMARK OR OTHER APPROVED PART CORE: COATED FERRITE TOROID, HIGH PERM MNZN



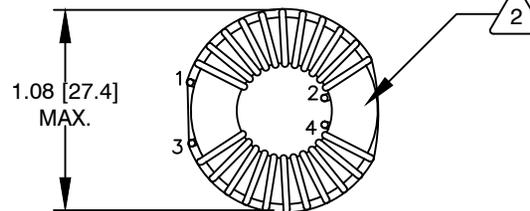
CLASS B (130°C) REQUIRED MATERIAL: UL RECOGNIZED 94V-0 FOR FLAMMABILITY

NOTES: UNLESS OTHERWISE SPECIFIED.

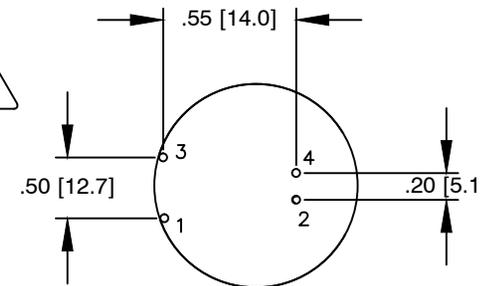
CAGE CODE = 5DME2



TOP VIEW



BOTTOM VIEW



MOUNTING HOLES PATTERN

QTY	CODE IDENT	MFG. P/N	DESCRIPTION	ITEM NO.
<b>PARTS LIST</b>				
AUTOCAD		X		
SOLIDWORKS				
SIGN		DATE	<b>COILWS COM, INC</b>	CWS Coil Winding Specialist.
DRAWN	TDK	9/20/04	www.coilws.com	353 W. GROVE AVE. ORANGE, CA. 92865
CHECKED	JLAU	9/20/04	TITLE: Inductor Common Mode 330uH 15A	
ENGR.	KSUM	9/20/04		
APPR.	JLAU	9/20/04		
SIZE	DWG. NO.	C-36A37-00		REV E
B		SCALE 1=1		SHEET 1 OF 1

UNLESS OTHERWISE SPECIFIED	
DIMENSIONING AND TOLERANCE PER ANSI Y14.5M	
ALL DIMENSIONS ARE IN INCHES AND [MILLIMETERS].	
TOLERANCE INCHES: .XXX=±.010 .XX=±.020 <math>\sphericalangle</math>=±0°30'	
TOLERANCE METRICS: .XXX=±.254 .XX=±.51 <math>\sphericalangle</math>=±0°30'	
ANGLE PROJECTION	
DO NOT SCALE DRAWING	

CAD-FILE: