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REVISION HISTORY						
REV	ECN	DESCRIPTION	SIGN & DATE			
			BY	DATE	CHK	DATE
C		PRODUCTION RELEASE	TDK	12/07/04	JLAU	12/07/04
D		REVISED DIMENSION AS SAME AS K63XXXXX47-A01	KLC	4/4/08	RL	4/4/08
E		REVISED NOTE #7 & NOTE #8	KLC	7/17/08	RL	7/17/08
F		REVISED DIMENSION	CT	12/17/08	KLC	12/17/08
G		UPDATED	RCL	7/6/11	JLAU	7/6/11

11 BUILD TO RoHS COMPLIANCE AND LEAD FREE

OR OVEN CURED AS REQUIRED

10 DIP-VANISH WITH AC43 OR EQUAL AND AIR DRY

9 THIS IS CRITICAL MAXIMUM DIMENSION

8 BOTTOM OF CORE TO START OF TINNING
6.5±0.5 MM DIMENSION MEASURED FROM

7 TOP OF CORE TO START OF TINNING
13.5 MM DIMENSION MEASURED FROM

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

5 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 7.0 MM MIN

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

TO INSURE INTERGRITY OF WINDING SEPARATION
HI-POT TEST FOR INTERWINDING ISOLATION= 250VDC
POWER LOSS= 5.2 W MAX.@ 80A/COIL
DCR= .4 mOHMS MAX./COIL
L= 52 uH MIN / COIL, 70 uH NOM / COIL, 1 KHZ, 1Vrms

3 SPECIFICATIONS @ 25 °C:

APPROVED PART

OUTER WRAP: 3M #11 OR #69 OR OTHER CWS

WIRE: UL RECOGNIZED 200°C RATING MAGNET WIRE

CWS BYTEMARK OR OTHER APPROVED PART

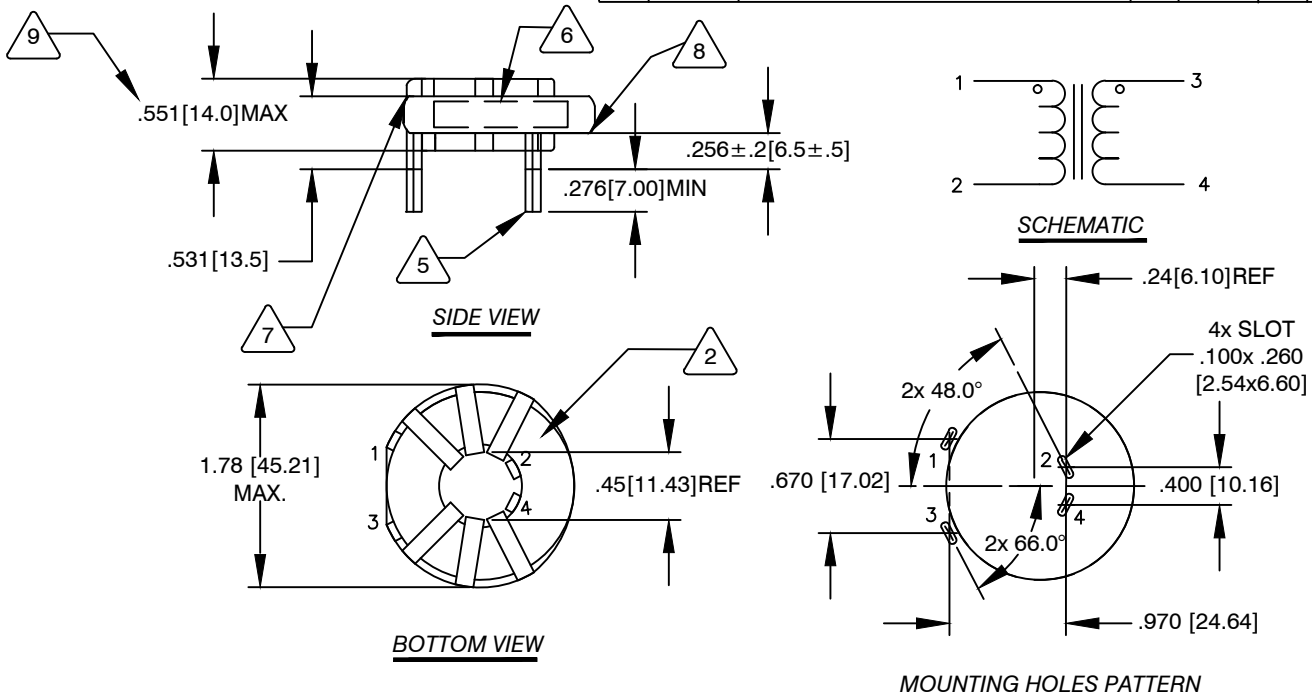
2 CORE: COATED 6000 VOLT FERRITE TOROID, HIGH PERM MNZN

CLASS B (130°C) REQUIRED

1 MATERIAL: UL RECOGNIZED 94V-0 FOR FLAMMABILITY

NOTES: UNLESS OTHERWISE SPECIFIED, READ FROM BOTTOM UP

CAGE CODE = 5DME2



QTY	CODE IDENT	MFG. P/N	DESCRIPTION	ITEM NO.
PARTS LIST				
AUTOCAD		X		
SOLIDWORKS				
SIGN		DATE	COILWS COM, INC www.coilws.com	CWS Coil Winding Specialist. 353 W Grove Ave Orange, CA. 92865
DRAWN	TDK	12/07/04	TITLE: Inductor Common Mode 70uH 80A	
CHECKED	JLAU	12/07/04	SIZE B DWG. NO. C-36A29-06	
ENGR.	KSUM	12/07/04	REV G	
APPR.	JLAU	12/07/04	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 $\sphericalangle=±0°30'$	
TOLERANCE METRICS: .XXX=±.254 .XX=±.51 $\sphericalangle=±0°30'$	
ANGLE PROJECTION	
DO NOT SCALE DRAWING	

CAD-FILE: