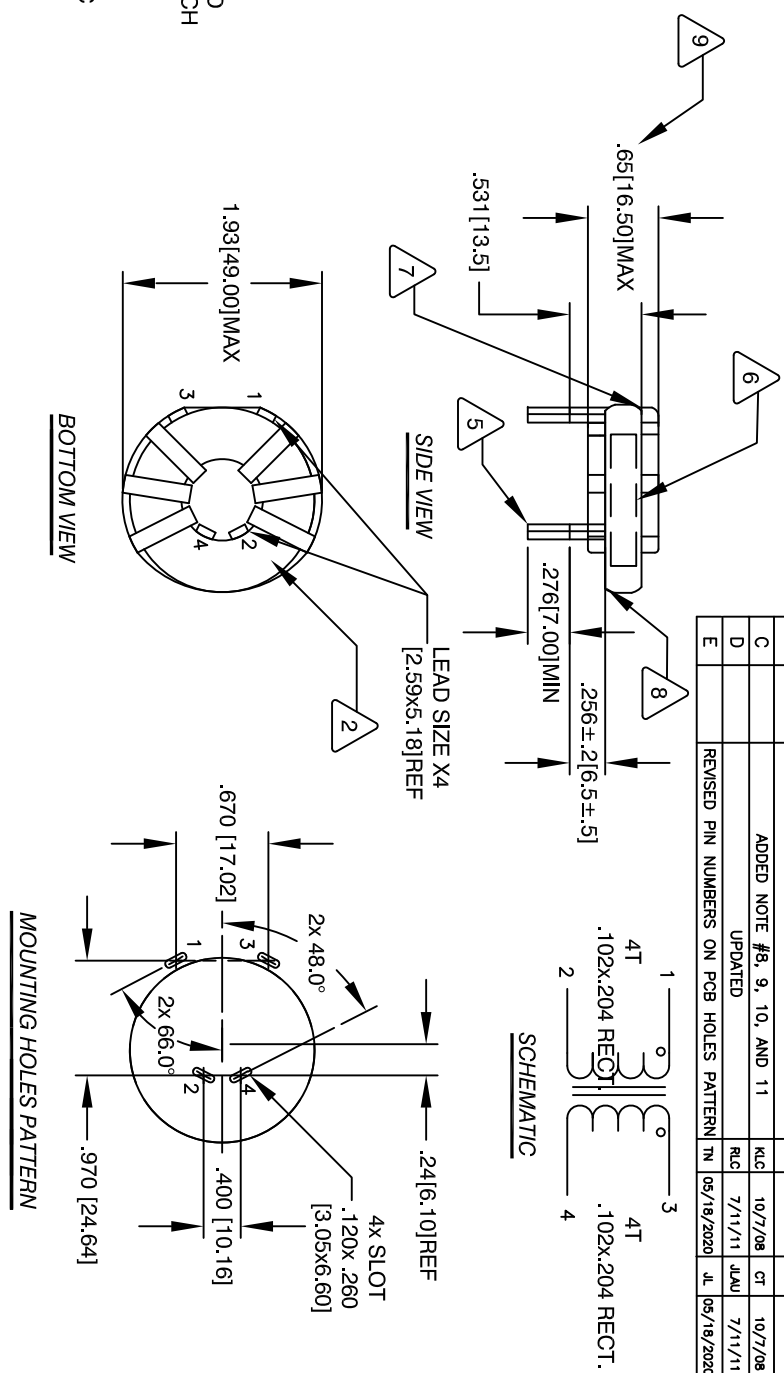


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- 11 BUILD TO ROHS COMPLIANCE AND LEAD FREE
- OR OVEN CURED AS REQUIRED
- 10 DIP-VANISH WITH ACA3 OR BC-346A OR EQUAL
- 9 THIS IS CRITICAL MAXIMUM DIMENSION
- 8 BOTTOM OF CORE TO START OF TINNING  
6.5±0.5 MM DIMENSION MEASURED FROM
- 7 TOP OF CORE 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 4 TURNS, .102x .204 RECT. SINGLE LAYER ON EACH  
CONSTRUCTION:
- 3 TO INSURE INTEGRITY OF WINDING SEPARATION  
HI-POT TEST FOR INTERWINDING ISOLATION= 250VDC  
POWER LOSS= 5.2 W MAX.@ 100A/COIL  
DCR= .40 MOHMS MAX./COIL  
L= 52 uH MIN / COIL, 70 uH NOM / COIL, 1 KHZ, 1Vrms  
SPECIFICATIONS @ 25 °C:
- 2 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  
CORE: RATED 6000 VOLT FERRITE TOROID INSULATION, HIGH PERM MNZN
- 1 CLASS B (130°C) REQUIRED  
MATERIAL: UL RECOGNIZED 94V-0 FOR FLAMMABILITY

NOTES: UNLESS OTHERWISE SPECIFIED, READ FROM BOTTOM UP



REVISION HISTORY		SIGN & DATE	
REV	ECN	BR	DATE
A		TDK	7/16/06
B		RL	7/17/06
C		KLC	10/7/08
D		RLC	7/11/11
E		TN	05/18/2020

QTY	CODE	MFG. P/N	DESCRIPTION	ITEM NO.
	IDENT			
<b>PARTS LIST</b>				
AUTOCAD SOLIDWORKS		CWS Coil Winding Specialist. 353 W Grove Ave Orange, CA. 92865		
SIGN		TITLE: Inductor Common Mode 70uH 100A		
DATE		SIZE (ING. NO.) C-36A29-09		
DRWN TDK		SCALE 1=1		
CHKD JLAU		SHEET 1 OF 1		
ENGR. KSUM		REV E		
APPR. JLAU				

UNLESS OTHERWISE SPECIFIED  
DIMENSIONING AND TOLERANCE PER ANSI Y14.5M AND [MILLIMETERS].  
TOLERANCE INCHES: .XX±.010 .XX±.020  
TOLERANCE METRICS: .XX±.254 .XX±.51