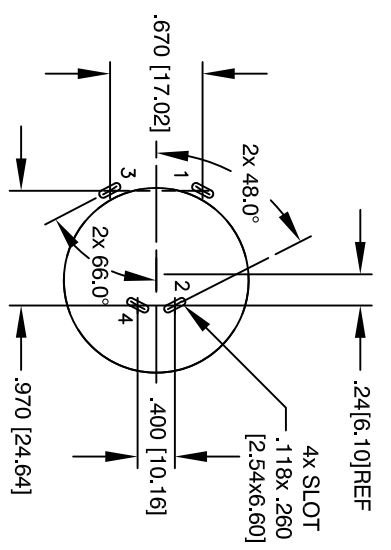
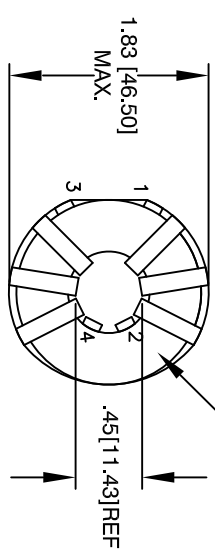
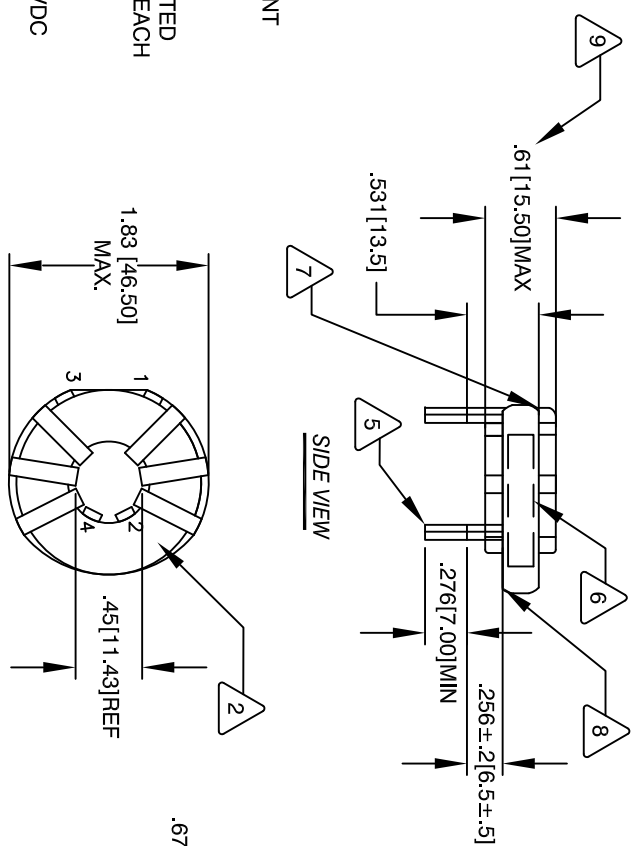


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REVISION HISTORY

REV	ECN	DESCRIPTION	BR	DATE	CHK	DATE
C		PRODUCTION RELEASE	TDK	12/07/04	JLJU	12/07/04
D		REVISED DIMENSION AS SAME AS K69XXXXXXXX8-A01	RL	12/4/06	JLJU	12/4/06
E		ADDED NOTE #8, 9, 10, AND 11	KLC	9/23/08	RL	9/23/08
G1	552020	LIMITED VARNISH OPTIONS	TN	05/05/2020	JL	05/05/2020

- 11 BUILD TO ROHS COMPLIANCE AND LEAD FREE
- 10 OR OVEN CURED AS REQUIRED  
DIP-VANISH WITH BC-346-A AND OVEN 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 4 TURNS, .091x .182 RECT. SINGLE LAYER ON EACH  
CONSTRUCTION:
- 3 TO INSURE INTERGRITY OF WINDING SEPARATION  
HI-POT TEST FOR INTERWINDING ISOLATION= 250VDC  
POWER LOSS= 5.2 W MAX.@ 90A/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

QTY	CODE	IDENT	MFG. P/N	DESCRIPTION	ITEM NO.
				<b>PARTS LIST</b>	
	AUTOCAD	SOLIDWORKS			
	DRWN	TKK	DATE		
	ENGR	KSUM	DATE		
	APPR	JLJU	DATE		
			TITLE:		
			Inductor Common Mode		
			70uH 90A		
			SIZE (Dwg. No.)		
			B C-36A29-06-B		
			SCALE		
			1=1		
			SHEET 1 OF 1		

UNLESS OTHERWISE SPECIFIED  
DIMENSIONING AND TOLERANCE PER ANSI Y14.5M  
AND [MILLIMETERS].  
TOLERANCE INCHES:  
XXX±.010 XX±.020 X±.030  
XXX±.25 X±.51  
ANGLE PROJECTION