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REVISION HISTORY

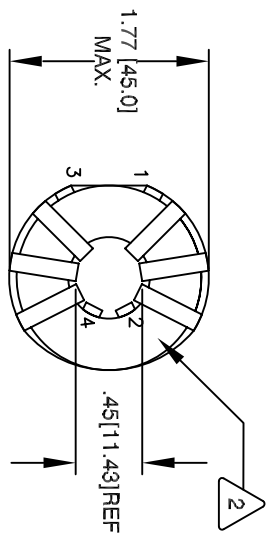
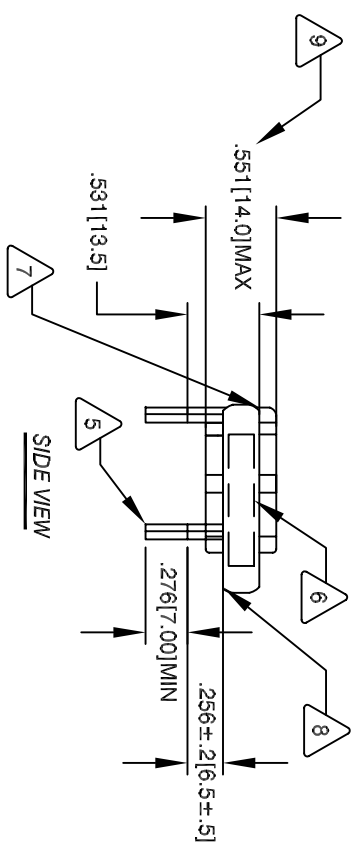
REV	ECN	DESCRIPTION	BY	DATE	CHK	DATE
C		PRODUCTION RELEASE	TDK	12/07/04	JLAV	12/07/04
D		REVISED DIMENSION AS SAME AS K68XXXXX47-A01	KLC	4/4/08	RL	4/4/08
E		REVISED NOTE #7 & NOTE #8	KLC	7/17/08	RL	7/17/08

- 11 BUILD TO ROHS COMPLIANCE AND LEAD FREE
- 10 OR OVEN CURED AS REQUIRED  
DIP-VANISH WITH AQ43 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)

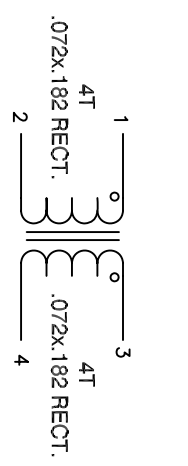
- 5 TO THE CORE  
MUST REST FLAT ON PCB. LEADS MUST BE TANGENT  
FLUSH WITH THE COIL EDGE. AS SHOWN (I.E. COIL  
REMOVE INSULATION AND TIN LEADS 7.0 MM MIN
- 4 SIDE OF CORE AND EVENLY SPACED, POLARITY NOTED  
WIND 4 TURNS, .072x .182 RECT. SINGLE LAYER ON EACH  
CONSTRUCTION:
- 3 TO INSURE INTEGRITY OF WINDING SEPARATION  
HI-POT TEST FOR INTERWINDING ISOLATION = 250VDC  
POWER LOSS = 5.2 W MAX @ 80A/COIL  
DCR = .4 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: COATED 6000 VOLT FERRITE TOROID, HIGH PERM MNZN
- 1 CLASS B (130°C) REQUIRED  
MATERIAL: UL RECOGNIZED 94V-0 FOR FLAMMABILITY

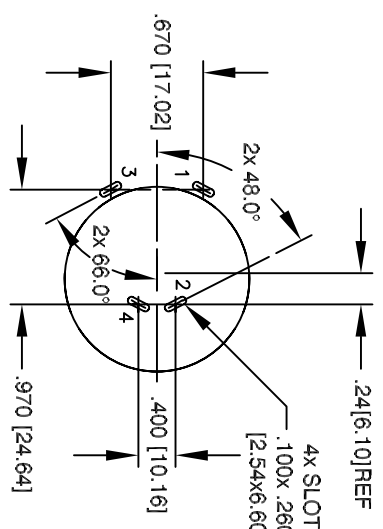
NOTES: UNLESS OTHERWISE SPECIFIED, READ FROM BOTTOM UP



BOTTOM VIEW



SCHEMATIC



MOUNTING HOLES PATTERN

QTY	CODE IDENT	MFG. P/N	DESCRIPTION	ITEM NO.
			<b>PARTS LIST</b>	
	AUTOCAD			
	SOLIDWORKS			
	DRWING	DATE		
	TKK	12/07/04		
	DKXD	12/07/04		
	ENGR	KSJM	12/07/04	
	APPR	JLAV	12/07/04	
UNLESS OTHERWISE SPECIFIED				
DIMENSIONING AND TOLERANCE PER ANSI Y14.5M AND [MILLIMETERS]				
TOLERANCE INCHES:				
.XXX±E.O10 XX±E.020		±.0030		
.XXX±E.25X ±A±.51		±.0030		
ANGLE PROJECTION		DO NOT SCALE DRAWING		
TITLE:		Inductor Common Mode		
SIZE (DWG. NO.)		C-36A29-06		
SCALE		1=1		
SHEET		1 OF 1		

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