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REVISION HISTORY			
REV	ECN	DESCRIPTION	DATE
C		PRODUCTION RELEASE	6/14/06

- 7 BUILT TO ROHS COMPLIANCE AND LEAD FREE.
- USING A PERMANENT MARKING METHOD
- MARK PART NUMBER AND REVISION, IF APPLICABLE,
- IF NEEDED, WRAP INDUCTOR WITH GLASS TAPE

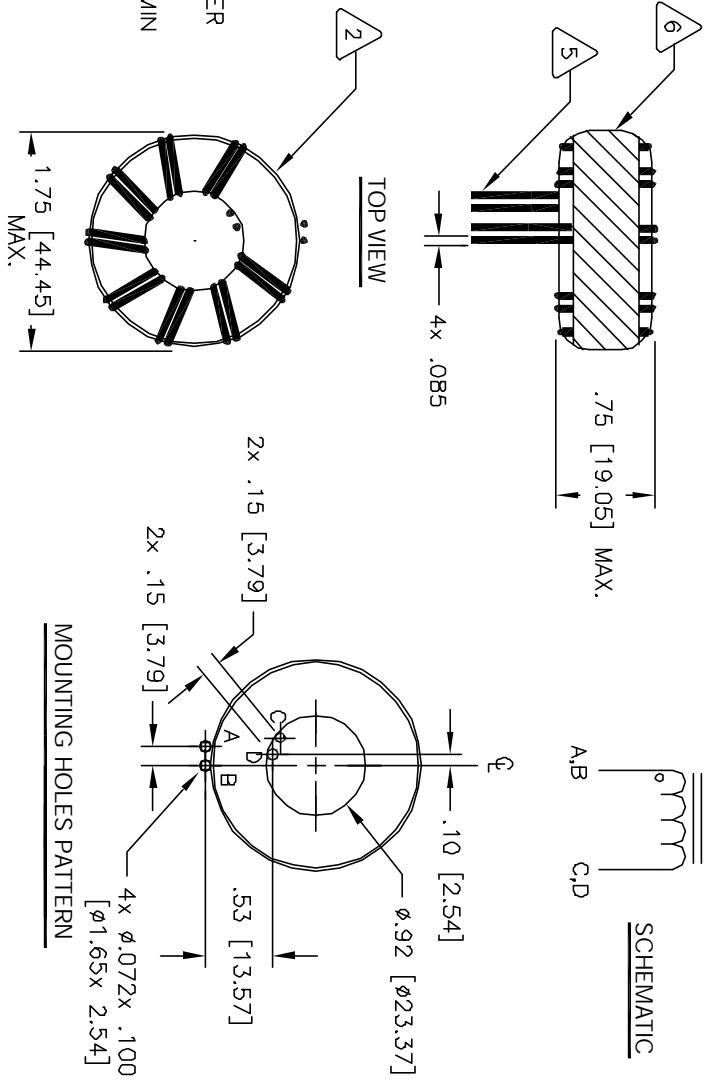
- 6 TO THE CORE
- MUST REST FLAT ON PCB). LEADS MUST BE TANGENT
- FLUSH WITH THE COIL EDGE, AS SHOWN (I.E. COIL
- REMOVE INSULATION AND TIN LEADS APPROX. 0.75 INCH

- 5 WIND COILS EVENLY SPACED
- CONSTRUCTION:

- B = 4200 GAUSS, BMAX = 15K GAUSS; H @ 50A = 70 OER
- CURRENT RATING : 50 AMPS, 40°C TEMP. RISE, NO AIR FLOW
- HI-POT TEST FOR WINDING TO CORE ISOLATION = 500 VDC MIN
- DCR = 1.3 MILLI-OHMS MAX ( ALL 2 STRANDS IN PARALLEL)
- DC BIASED = 50 AMPS, INDUCTANCE = 3.0 UH
- DC BIASED = 52 AMPS, INDUCTANCE = 3.2 UH
- L = 4.0 UH + - 10% @ LOW DC BIAS, 1 KHZ, 250 mV
- SPECIFICATIONS @ 25°C

- 3 WIRE: UL RECOGNIZED 200°C RATED MAGNET WIRE
- CWS BYTEMARK PART OR OTHER APPROVED PART
- 2 CORE: HI-FLUX TOROIDAL CORE

- 1 RATING CLASS B (130°) REQUIRED
- MATERIAL: UL RECOGNIZED 94V-0 FOR FLAMMABILITY
- NOTES: UNLESS OTHERWISE SPECIFIED.
- READ FROM BOTTOM UP.



UNLESS OTHERWISE SPECIFIED	DIMENSIONING AND TOLERANCE PER ANSI Y14.2M
ALL DIMENSIONS ARE IN INCHES AND (MILLIMETERS)	TOLERANCE INCHES: .XX ±.005 .XY ±.015 .X ±.005
ANGLE PROJECTION	TOLERANCE METRICS: .XX ±.127 .XY ±.254 .X ±.0762
DO NOT SCALE DRAWINGS	

CODE	IDENT	MFG. P/N	DESCRIPTION	ITEM NO.
AUTOCAD	X			
SOLIDWORKS				
SIGN	DATE			
DRAWN TDK	6/14/06			
DESIGN KKSJUM	6/14/06			
ENGR. JLAU	6/14/06			
APPR. JLAU	6/14/06			
TITLE:		PARTS LIST		
SIZE: DIM. IN.		CWS Coil Winding Specialist.		
SCALE: B		353 WEST GROVE AVE		
		Bldg 7, ORANGE, CA 92686		
		Toroidal Power Choke		
		Power Inductor		
		HF270-040M-50A		
		REV C		
		SHEET 1 OF 1		