

REVISIONS				
ECO	REV	DESCRIPTION	DATE	APPROVED
473	A	PRODUCTION RELEASE	11/9/95	RBD
687	B	CHANGED CORE MATERIAL	7/25/97	RBD
730	C	CHG:NOTE 1.1 & 2.1 WAS:L=250 UH	12/18/97	RBD
---	C1	CHG: FR: 1.72 MAX TO: 1.75 MAX	3/16/98	LGK
1023	D	CHG: NOTES 2.1, AND 3.3 PER ECO	05/15/00	RBD
---	D1	ADD PERMACORE 87-9040-26	11/10/00	RBD

PROPRIETARY DATA:
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NOTES:UNLESS OTHERWISE SPECIFIED

1. MATERIALS: UL RECOGNIZED 94V-2
 FLAMMABILITY RATING CLASS B (130°C)
 REQUIRED.

1.1 CORE: TOROID, $\mu = 5000$

MAGNETICS: ZJ-43806-TC OR
 PERMACOR: 87-9040-26

1.2 WIRE: U.L. RECOGNIZED 130°C RATING
 MAGNET WIRE

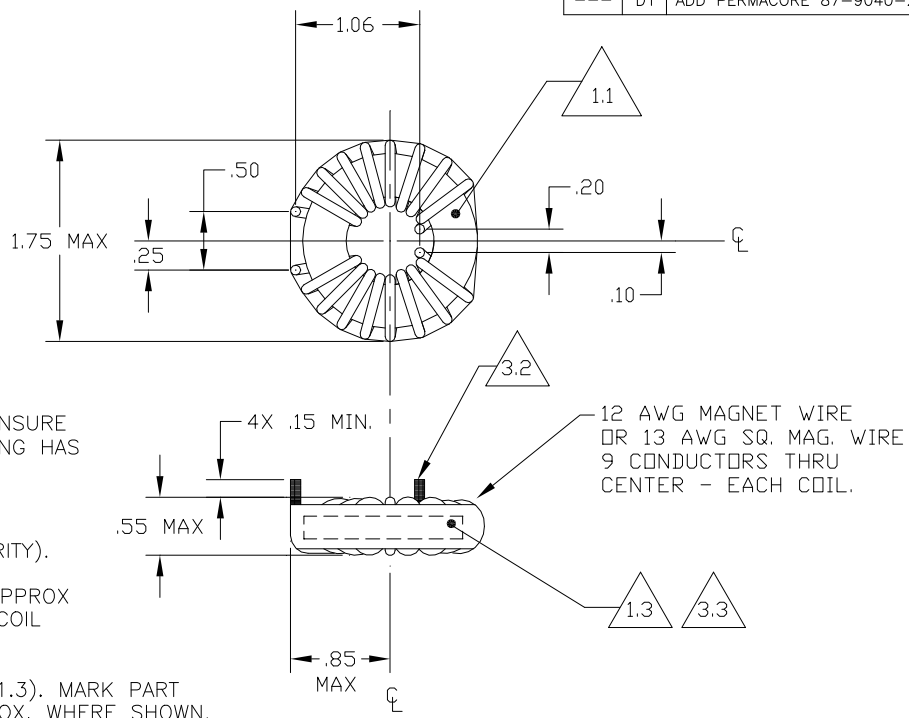
1.3 OUTER WRAP: 3M #11 OR #69
 OR PERMASIL #213 OR 286

2. SPECIFICATIONS:

- 2.1 = 260 uH MIN/COIL (1KHZ, <1Vrms)
- 2.2 DCR = 2 mOHMS MAX/COIL
- 2.3 POWER LOSS = 6.4 W MAX @ 40A/COIL
- 2.4 HI-POT TEST COIL TO COIL, 250VDC TO INSURE
 INTEGRITY OF WINDING INSULATION/COVERING HAS
 NOT BEEN BREACHED.

3. CONSTRUCTION:

- 3.1 WIND COILS EVENLY SPACED (NOTE POLARITY).
- 3.2 2X REMOVE INSULATION AND TIN LEADS APPROX
 FLUSH WITH THE CORE AS SHOWN. (I.E. COIL
 MUST REST FLAT ON PCB).
- 3.3 WRAP INDUCTOR WITH TAPE, (PER NOTE 1.3). MARK PART
 NUMBER AND REVISION IN (BLACK) APPROX. WHERE SHOWN,
 USING A PERMANENT MARKING METHOD.



12 AWG MAGNET WIRE
 OR 13 AWG SQ. MAG. WIRE
 9 CONDUCTORS THRU
 CENTER - EACH COIL.

		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE:	CONTRACT NO.		WESTCOR a division of VICOR Corp.	
		FRACTIONS DECIMALS ANGLES ± --- .XX ± .05 ± 3'	---			
		MATERIAL	APPROVALS		DATE	
		SEE NOTES	DRAWN		08/04/94	
		FINISH	CHECKED		11/06/95	
NEXT ASSY		USED ON	APPROVED		1/13/95	
APPLICATION		DO NOT SCALE DRAWING	DESIGNED		8-4-94	
			SIZE	CAGE CODE	DWG NO.	
			B	---	36-00029-01	
			SCALE	NTS	FILENAME:	36-00029-01 SHEET 1 OF 1