

DWG NO. 36-00029-04

SH 1 REV D1

PROPRIETARY DATA:

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REVISIONS

ECO	REV	DESCRIPTION	DATE	APPROVED
473	A	PRODUCTION RELEASE	12-5-95	RBD
687	B	CHANGED MATERIAL	7-25-97	RBD
730	C	CHG:NOTE 1.1 & 2.1,WAS: L= 1MH...	12-01-97	RBD
1023	D	CHG: NOTES 2.1. & 3.3 PER ECO	06-13-00	RBD
---	D1	ADD PERMACORE 87-9040-26	11/10/00	RBD

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:

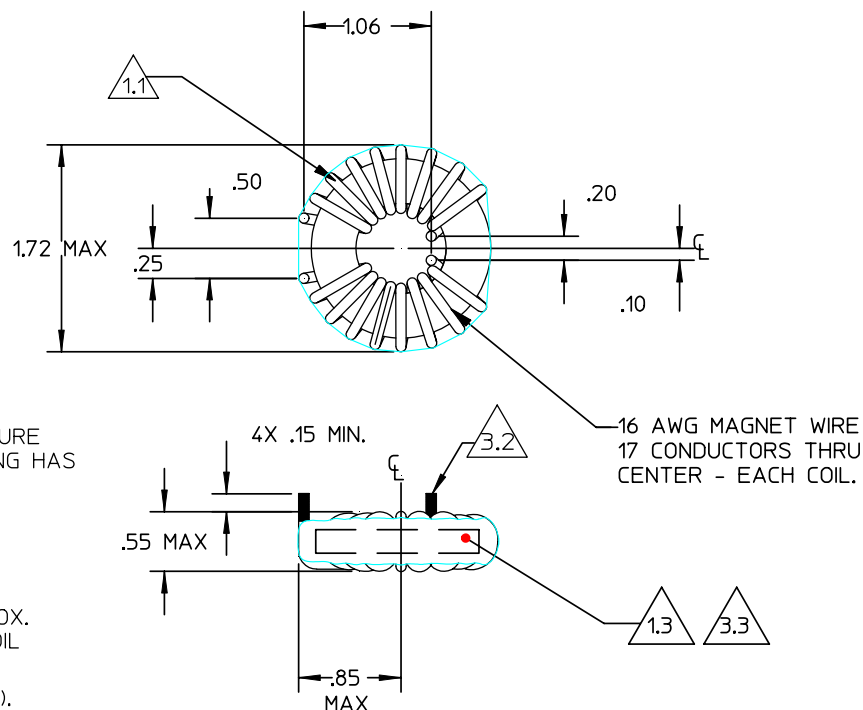
- 2.1 L = .95mH MIN/COIL (1KHZ, <1Vrms)
2.2 DCR = 10 mOHMS MAX/COIL
2.3 POWER LOSS = 2.0 W MAX @ 10A/COIL
2.4 HI-POT TEST COIL TO COIL, 250VDC TO INSURE
INTEGRITY OF WINDING INSULATION/COVERING HAS
NOT BEEN BREACHED.

3. CONSTRUCTION:

3.1 WIND COILS EVENLY SPACED (NOTE
POLARITY)

3.2 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.



		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES * --- .XX * .05 * 3° XXX * .020	CONTRACT NO. ---		 WESTCOR a division of VICOR Corp.			
			APPROVALS	DATE	IND COMMON MODE 1.27mH 10A			
		MATERIAL SEE NOTES	DRAWN B.STOVER	8/04/94	SIZE CAGE CODE DWG NO. REV B --- 36-00029-04 D1			
---	SEE MIS	FINISH	CHECKED L.KING	7/25/97				
NEXT ASSY	USED ON	---	APPROVED R.B. DRABING	11/1/94				
APPLICATION		DO NOT SCALE DRAWING	DESIGNED R.B. DRABING	8/4/94	SCALE NTS	FILENAME: 36-00029-04	SHEET 1 OF 1	