

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 μ H MIN/COIL (1KHZ, <1Vrms)

2.2 DCR = 2 mOHMS MAX/COIL

2.3 POWER LOSS = 6.4 W MAX @ 40A/COIL

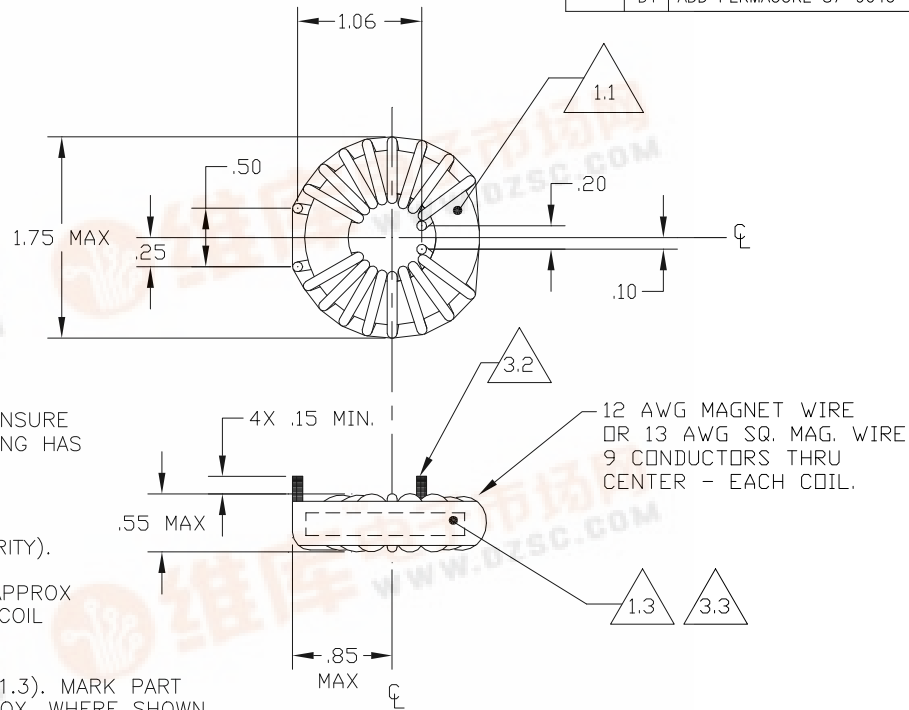
2.4 HI-POT TEST COIL TO COIL, 250VDC TO INSURE INTEGRITY OF WINDING INSULATION/COVERING HAS NOT BEEN BREACHED.

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.



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

		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES ± --- .XX ± .05 ± 3'	CONTRACT NO. ---	WESTCOR a division of VICOR Corp.	
		MATERIAL SEE NOTES	APPROVALS DRAWN B. STOVER	DATE 08/04/94	IND COMMON MODE 350 μ H 40A
---	SEE MIS	FINISH ---	CHECKED H.A. POWERS	11/06/95	SIZE B
NEXT ASSY	USED ON		APPROVED R.B. DRABING	1/13/95	DWG NO. 36-00029-01
APPLICATION		DO NOT SCALE DRAWING	DESIGNED R.B. DRABING	8-4-94	REV D1
			SCALE NTS	FILENAME: 36-00029-01	SHEET 1 OF 1

