

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 07-9040-26	11/10/00	RBD
1417	D2	ADD SOURCE SHANGHI SUPER ELECT	09/07/04	RBD
1462	E	ADDED ROHS SPEC NOTE	06/21/05	LGK
1543	F	TAPE # 1350F WAS # 1298	09/01/05	LGK
1663	G	REPLACE P-213 WITH TAPE #M706	07/18/06	LGK
1695	H	ADD RSK TO NOTE 1.1	10-13-06	LGK
1989	HI	CORRECTING MIN INDUCTANCE VALUE	02/03/09	DAF

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: 07-9040-26, RSK
 SHANGHAI SUPER LIGHT ELECTRONICS COMPONENTS LTD.
 P/N: T38X19X6.35-C. MATERIAL RSK (CAN BE USED IF ROHS COMPLIANT)

1.2 WIRE: U.L. RECOGNIZED 130°C RATING MAGNET WIRE. APPROVED MFR: ESSEX
 OTHER MFR HAS TO BE ROHS COMPLIANT CERTIFIED BEFORE USE.

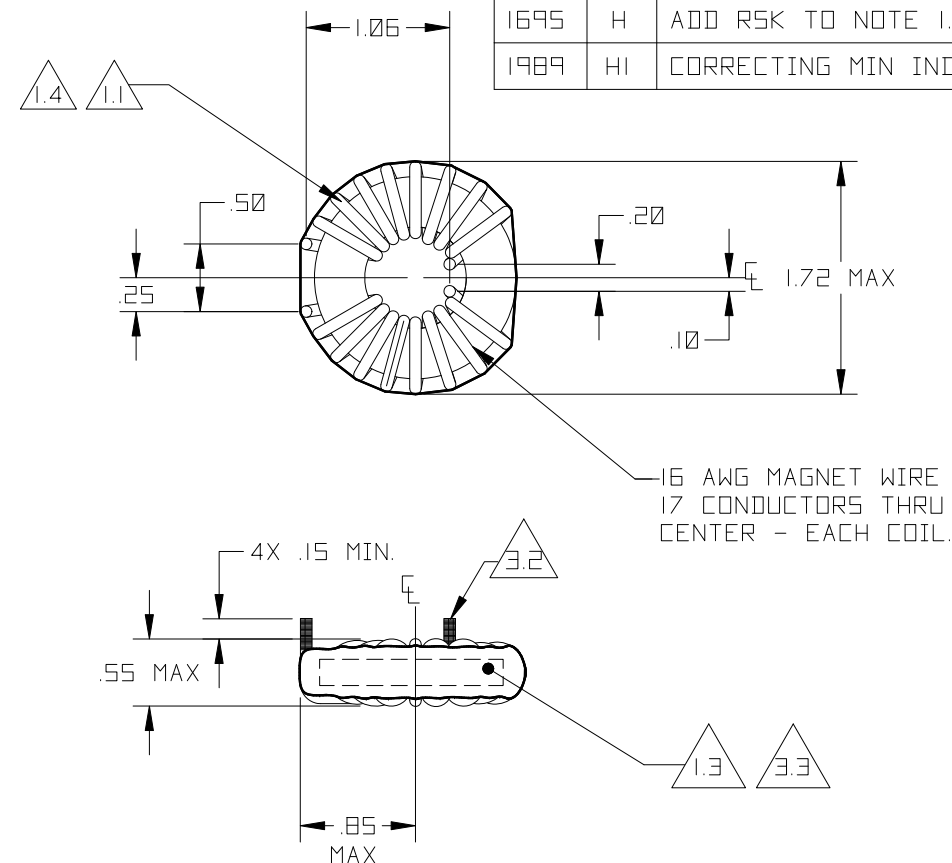
1.3 OUTER WRAP: 3M #11 OR #69 OR #1350F
 OR SAINT-GOBAIN #M706

2. SPECIFICATIONS:


- 2.1 L = .939MH 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 PERMANET MARKING METHOD.



NOTE: CERTIFICATION OF MATERIAL COMPLIANCE REQUIRED.
 COMPLETED ASSEMBLY MUST BE (ROHS) COMPLIANT
 PER VICOR SPEC CST-0001.

		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				
		MATERIAL SEE NOTES	DRAWN B.STOVER	8/04/94	IND COMMON MODE 1.27MH 10A			
		FINISH ---	CHECKED L.KING	7/25/97				
---	SEE MIS		APPROVED R.B. DRABING	11/1/94	SIZE 8	CAGE CODE ---	DWG NO. 36-00029-04	REV HI
NEXT ASSY	USED ON		DESIGNED R.B. DRABING	8/4/94	SCALE NTS	FILENAME: 36-00029-04	SHEET 1 OF 1	