DWG NO	SH	REV
36-00029-01	1	J

PROPRIETARY DATA:
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NOTES:UNLESS OTHERWISE SPECIFIED

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

11 CORE: TOROID, u = 5000
MAGNETICS: ZJ-43806-TC OR
PERMACOR: 87-9040-26, RSK
SHANGHAI SUPER LIGHT ELECTRONICS COMPONENTS LTD
P/N: T38X19X6.35-C MATERIAL RSK (CAN BE USED IF ROHS COMPLIANT)

12 WIRE: UL RECOGNIZED 130°C RATING MAGNET WIRE APPROVED MFR: ESSEX
OTHER MFR HAS TO BE ROHS COMPLIANT CERTIFIED BEFORE USE

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

2 SPECIFICATIONS:

21 L = 260 uH MIN/COIL (1KHZ, <1Vrms)

22 DCR = 22 mOHMS MAX/COIL

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

24 HI-POT TEST COIL TO COIL, 2500VDC TO INSURE INTEGRITY OF WINDING INSULATION/COVERING HAS NOT BEEN BREACHED

3 CONSTRUCTION:

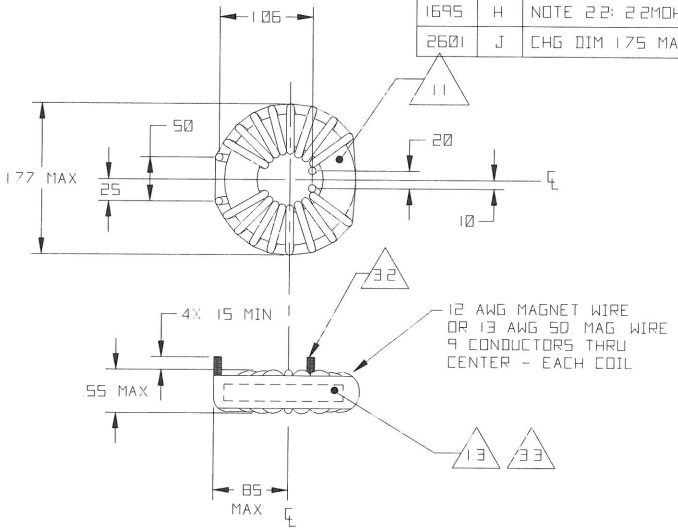
31 WIND COILS EVENLY SPACED (NOTE POLARITY)

32 REMOVE INSULATION AND TIN LEADS APPROX FLUSH WITH THE CORE AS SHOWN (IE COIL MUST REST FLAR ON PCB)

33 WRAP INDUCTOR WITH TAPE, (PER NOTE 13) 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 11 & 21 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 21, AND 33 PER ECO	05/15/00	RBD
---	D1	ADD PERMACORE 87-9040-26	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	7/18/06	LGK
1695	H	NOTE 22: 22MOHMS WAS 2MOHMS	10-13-06	LGK
2601	J	CHG DIM 1.75 MAX TO 1.77 MAX	10/30/14	HD



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

---	SEE MIS
NEXT ASSY	USED ON
APPLICATION	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE:
FRACTIONS ± --- DECIMALS XX ± .05 XXX ± .020 ANGLES ± 3°

MATERIAL: SEE NOTES

FINISH: ---

DO NOT SCALE DRAWING

CONTRACT NO: ---

APPROVALS		DATE
DRAWN	B.STOVER	08/04/94
CHECKED	H.A. POWERS	11/06/95
APPROVED	R.B.DRABING	1/13/95
DESIGNED	R.B. DRABING	8-4-94

WESTCOR a division of VICOR Corp

IND COMMON MODE 350uH 40A

SIZE	CAGE CODE	DWG NO	REV
B	---	36-00029-01	J

SCALE NTS | FILENAME: 36-00029-01 | SHEET 1 OF 1