

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,  $\mu = 5200$   
 MAGNETICS: 21-43806-1C OR  
 PERMADOR: 87-9040-26, RSK  
 SHANGHAI SUPER LIGHT ELECTRONICS COMPONENTS, LTD  
 P/N: 138X19X635-C MATERIAL RSK (CAN BE USED IF ROHS COMPLIANT)

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

1.3 OUTER WRAP: 3M 111 OR 469 OR #1350F  
 OR SAINT-GOBAIN #H706

2 SPECIFICATIONS:

2.1 L = 260  $\mu$ H MIN/COIL (KHZ. <1V-rms)

2.2 DCR = 2.2 MOHMS MAX/COIL

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

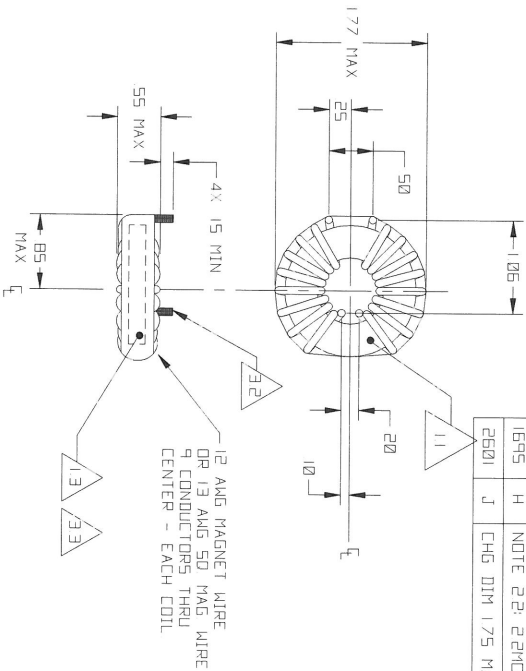
2.4 HI-POT TEST COIL TO COIL, 2500VDC TO INSURE INTEGRITY OF WINDING INSULATION/COVERING HAS NOT BEEN BREACHED

3 CONSTRUCTION:

3.1 WIND COILS EVENLY SPACED (NOTE POLARITY)

3.2 REMOVE INSULATION AND TIN LEADS APPROX FLUSH WITH THE CORE AS SHOWN (IE COIL MUST REST FLAR 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



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

006 NO 36-00029-01

REV I REV J

REV I		REV J		REVISIONS	
ECD	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 WASL-250 UH	12/18/97	RBD	
---	CI	CHG: FR: 172 MAX TO: 175 MAX	3/16/98	LGK	
1023	D	CHG: NOTES 21, AND 33 PER ECC	05/15/00	RBD	
---	DI	ADD PERMADORE 87-9040-26	11/10/00	RBD	
1417	DE	ADD SOURCE SHANGHAI SUPER ELECT	09/07/04	RBD	
1462	E	ADDED ROHS SPEC NOTE	06/21/05	LGK	
1543	F	TAPE # 1350F WAS # 1299	09/01/05	LGK	
1653	G	REPLACE P-213 WITH TAPE #H706	7/18/06	LGK	
1695	H	NOTE 22: 2.2MOHMS WAS 2MOHMS	10-13-06	LGK	
2601	J	CHG DIM 175 MAX TO 177 MAX	10/30/14	HD	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES		CONTRACT NO		APPROVALS		DATE		IND COMMON MODE 350UH 40A	
FRACTIONS: XX ± .05 XXX ± .020		---		DRAWN: B STOVER		08/07/94		WESTCOR a division of VICO Corp	
DECIMALS: .XX ± .05 .XXX ± .020		---		CHECKED: H A POMEYS		1/08/95		SCALE: NTS	
ANGLES: ° ' "		---		APPROVED: R B BRABING		1/13/95		FILENAME: 36-00029-01	
NEXT ASSY		USED ON		DO NOT SCALE DRAWING		8-4-94		SHEET 1 OF 1	
SEE M15		---		---		---		REV J	
APPLICATION		---		---		---		---	

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