

DWG NO. 36-00029-04 SH1 REV F

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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 1J & 2J, WAS: L= 1MHL	12-01-97	RBD
1023	D	CHG: NOTES 2I, & 3.3 PER ECO	06-13-00	RBD
---	01	ADD PERMACORE B7-9040-26	11/10/00	RBD
1417	02	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

**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: B7-9040-26  
 SHANGHAI SUPER LIGHT ELECTRONICS COMPONENTS LTD.  
 P/N: T36X19X6.35-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 #11 OR #69 OR #1350F  
 OR PERMACEL #213

**2. SPECIFICATIONS**

2.1 L = .95MH MIN/COIL (1KHZ, 4Vrms)

2.2 DCR = 10 OHMS MAX/COIL

2.3 POWER LOSS = 2.0 W MAX @ 10A/COIL

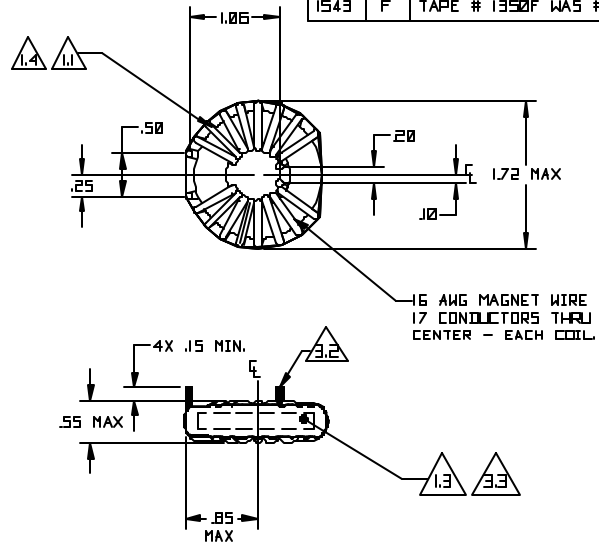
2.4 HI-POT TEST COIL TO COIL, 250VDC TO INSURE INTEGRITY OF WINDING  
 INSULATION/COVERING HAS NOT BEEN BREACHED.

**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.



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		CONTRACT NO. ---		WESTCOR a division of VICO Corp.	
		FRACTIONS DECIMALS ANGLES ± --- ± .05 ± °		APPROVALS DATE			
		MATERIAL SEE NOTES		DRAWN JSTOVER 8/04/94		IND COMMON MODE 1.27MH 10A	
		FINISH ---		CHECKED LKING 7/26/97		SIZE CASE CODE DWG NO.	
NEXT ASSY USED ON				APPROVED R.B. DRABING 11/1/94		B --- 36-00029-04	
APPLICATION		DO NOT SCALE DRAWING		DESIGNED R.B. DRABING 8/4/94		SCALE NTS FILENAME: 36-00029-04 SHEET 1 OF 1	