

PROPRIETARY DATA:
This document and information contained
may not be reproduced, used or disclosed
without prior written permission of WESTCOR
a division of VICOR Corporation.

NOTES:UNLESS OTHERWISE SPECIFIED

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

1.1 CORE: TOROID, μ = 5000

MAGNETICS: ZJ-43806-1C OR

PERMACOR: 87-9040-26, R5K

SHANGHAI SUPER LIGHT ELECTRONICS COMPONENTS LTD.

P/N: T38X19X6.35-C. MATERIAL R5K (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 = 260 μ H MIN/COIL (1KHZ, <1Vrms)

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, 250VDC TO INSURE INTEGRITY OF WINDING
INSULATION/COVERING HAS NOT BEEN BREACHED.

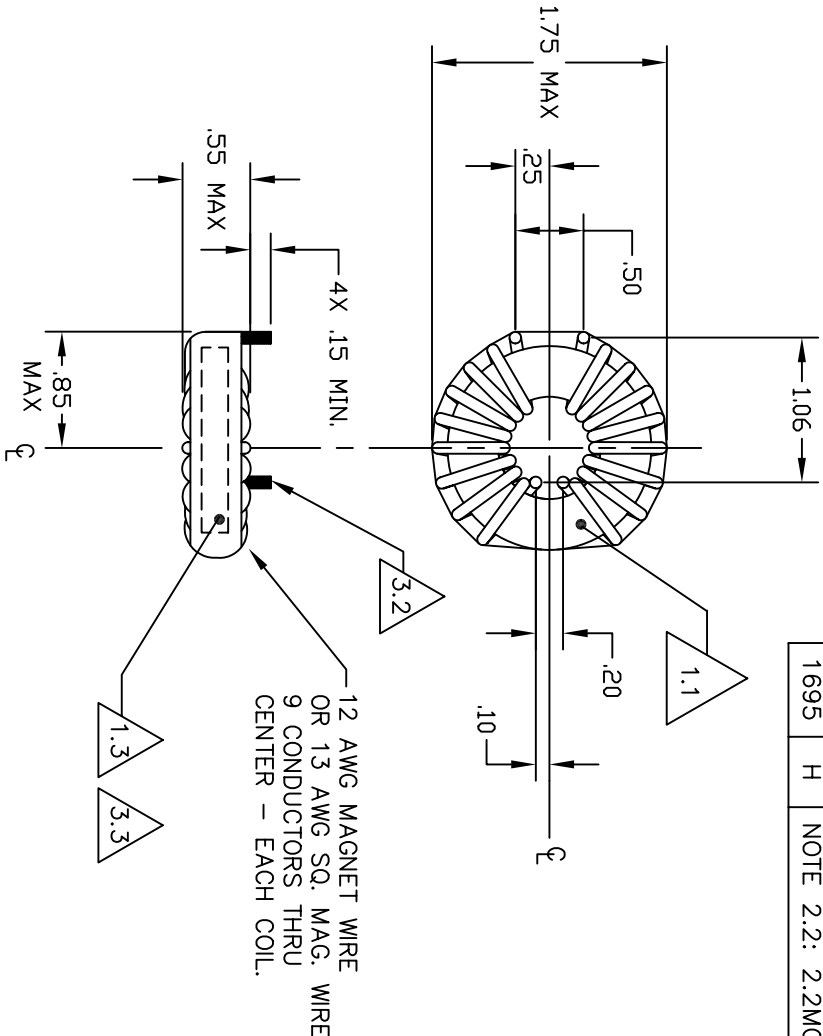
3. CONSTRUCTION:

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 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.

REVISIONS			
ECO	REV	DESCRIPTION	DATE
473	A	PRODUCTION RELEASE	11/9/95
687	B	CHANGED CORE MATERIAL	7/25/97
730	C	CHG:NOTE 1.1 & 2.1 WAS:L=250 μ H	12/18/97
---	C1	CHG: FR: 1.72 MAX TO: 1.75 MAX	3/16/98
1023	D	CHG: NOTES 2.1, AND 3.3 PER ECO	05/15/00
---	D1	ADD PERMACORE 87-9040-26	11/10/00
1417	D2	ADD SOURCE SHANGHAI SUPER ELECT	09/07/04
1462	E	ADDED ROHS SPEC NOTE	06/21/05
1543	F	TAPE # 1350F WAS # 1298	09/01/05
1663	G	REPLACE P-213 WITH TAPE #M706	7/18/06
1695	H	NOTE 2.2: 2.2MOHMS WAS 2MOHMS	10-13-06



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. -----		<div> WESTCOR a division of VICOR Corp.</div> <div>IND COMMON MODE 350μH 40A</div>
		FRACTIONS	DECIMALS	ANGLES		
		\pm ----	.XX \pm .05	\pm 3°		
			.XXX \pm .020			
		MATERIAL SEE NOTES				
		FINISH				

		SEE MIS				
		NEXT ASSY				
		USED ON				
		APPLICATION				
		DO NOT SCALE DRAWING				

SIZE	CAGE CODE	DWG NO.	REV
B	---	36-00029-01	H

SCALE NTS

FILENAME: 36-00029-01

SHEET

1 OF 1