

PROPRIETARY DATA!
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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, $\mu = 5000$~~

MAGNETICS: ZJ-43806-TC OR
PERMACOR: 87-9040-26 OR
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 MINIMUM RATING MAGNET WIRE. APPROVED MFR: ESSEX
OTHER MFR HAS TO BE ROHS COMPLIANT CERTIFIED BEFORE USE.

- 1.3 OUTER WRAP: 3M H69 OR #1350F.

~~1.4~~ MATERIAL CERTIFICATE OF COMPLIANCE REQUIRED

- ## 2. SPECIFICATIONS:

- 2.1 L = 52 μ H MIN/COIL (1 KHZ, <1V_{rms})

- 2.2 DCR = 4 MOHMS MAX/COIL

- 2.3 POWER LOSS = 5.2W MAX @ 80A/COIL

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

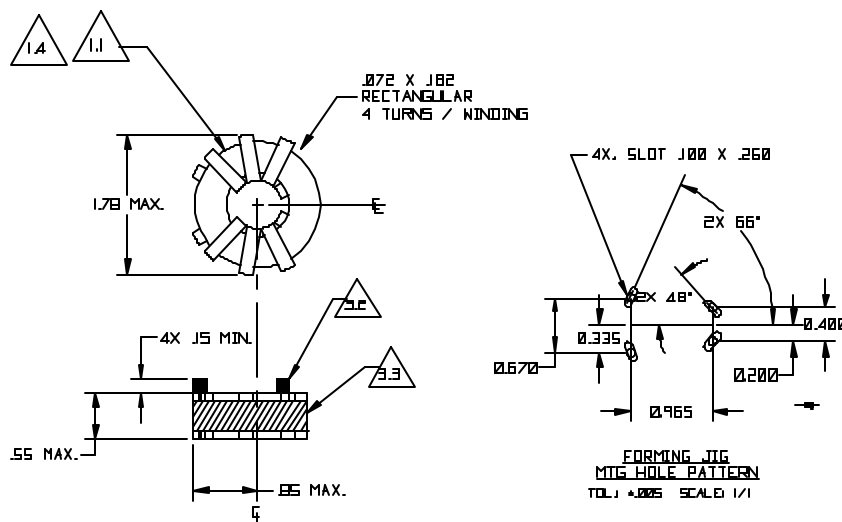
- ### 3. CONSTRUCTION

- ### 3.1 WIND COILS EVENLY SPACED (NOTE POLARITY)

3.2 REMOVE INSULATION AND TIN LEADS APPROX FLUSH WITH THE COIL AS SHOWN (I.E. COIL MUST REST FLAT ON PCB). LEADS MUST BE TANGENT TO THE CORE.

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.

- 3.4 COIL LEADS MUST FUNCTION FIT INTO A JIG MADE PER THE DIMENSIONS SHOWN ON "FORMING JIG MTG HOLE PATTERN" TO INSURE PROPER POSITION AND ANGLE.



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 VICOR Corp.			
		FRACTIONS DECIMALS ANGLES ▲ --- XX ▲ .XX ▲ ° XXX ▲ SEC			APPROVALS		DATE	
		MATERIAL SEE NOTES	DRAWN H.E. ITURRALDE		12/08/78		IND COMMON MODE 70uH 80A	
		FINISH ---	CHECKED LJNG		7/25/77			
	SEE KIS		APPROVED R.D.BALLERO		7/25/77		SIZE 8	CAGE CODE --
NEXT ASSY	USED IN		DESIGNED R.D.BALLERO		12/03/76		DWG NO. 36-00029-06	REV E
APPLICATION		DO NOT SCALE DRAWING	SCALE NTS		FILNAME=80029-06.DWG		SHEET 1 OF 1	