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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 & 12 WAS: L=250UH	12/18/97	RBD
---	C1	CHG: FR: 1.72 MAX TO 1.75 MAX	3/16/98	LGK
1023	D	CHG: NOTES 21 & 23 PER ECO	7/25/97	RBD
---	D1	ADD PERMACORE 87-9040-26	11/10/00	RBD
1417	D2	ADD SOURCE SHANGHI SUPER ELEC	09/07/04	RBD
1462	B	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 #M705	7/18/05	LGK
1695	H	NOTE 2.2: 22MOHMS WAS 2MOHS	10/13/06	LGK
2601	J	CHG DIM 1.75 MAX TO 1.77 MAX	10/30/14	HD
---	13	REVISED PER E170515a GCK	06/08/17	PH

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, 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 uH MIN/COIL (1KHZ, <1Vrms)

2.2 DCR = 2.2 mOHMS MAX/COIL

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

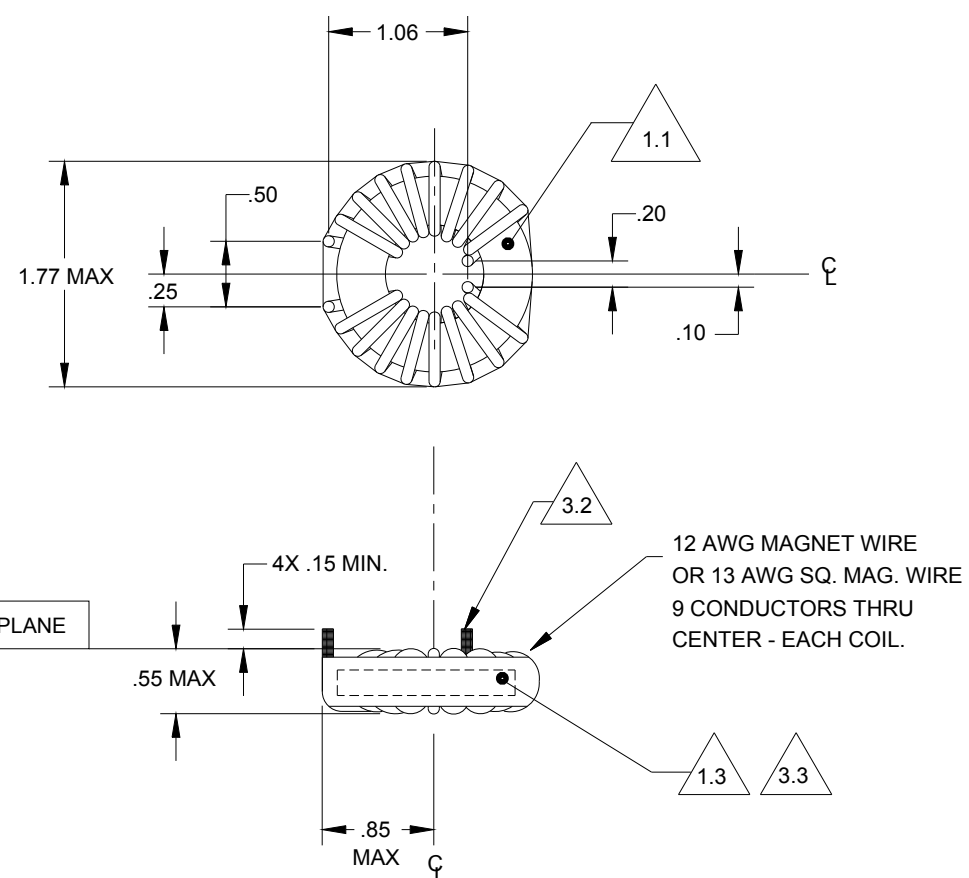
2.4 HI-POT TEST COIL TO COIL. 2500VDC TO INSURE INTEGRITY OF WINDING
INSULATION/COVERING HAS NOT BEEN BREACHED.

3. CONSTRUCTION:

3.1 WIND COILS EVENLY SPACED (NOTE POLARITY).

3.2 REMOVE INSULATION AND TIN LEADS WITH LEAD FREE SOLDER 1-4 MM BEYOND THE SEATING PLANE.

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.

DRAWN	DATE			BPD
G. C. KEAY	06/05/17			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: DECIMALS ANGLES X.XX = ±0.01 ±1° X.XXX = ±0.005		IND COMMON MODE 350µH 40A		
	SIZE	CAGE CODE	DWG NO	REV
DO NOT SCALE DRAWING	C	67131	36-00029-01	13
SCALE: NONE		SHEET 1 OF 1		