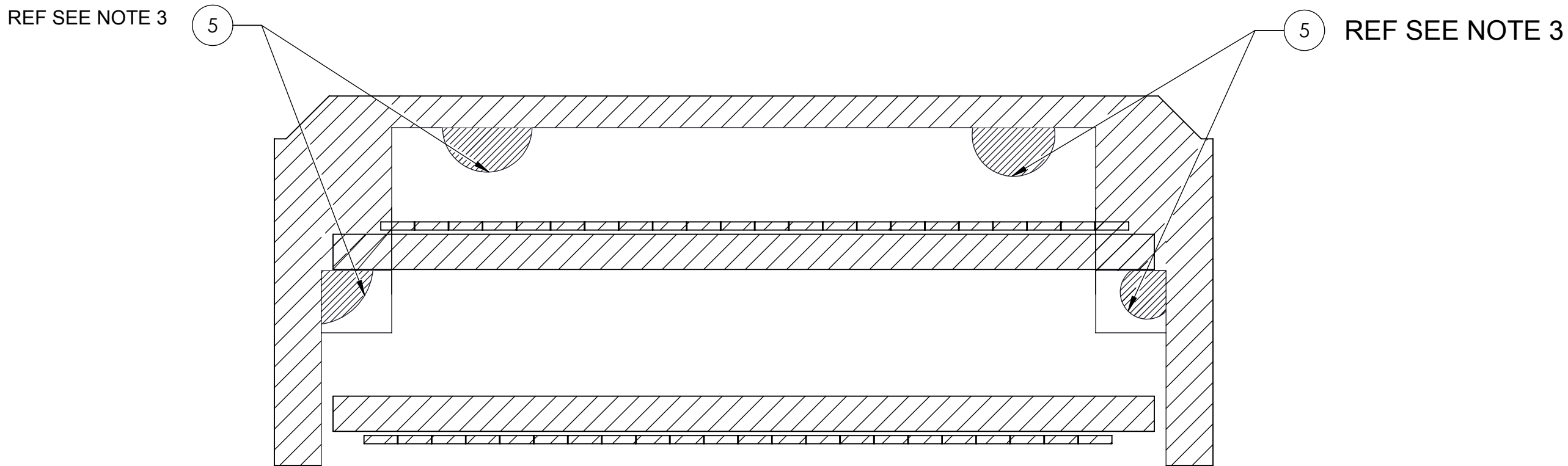
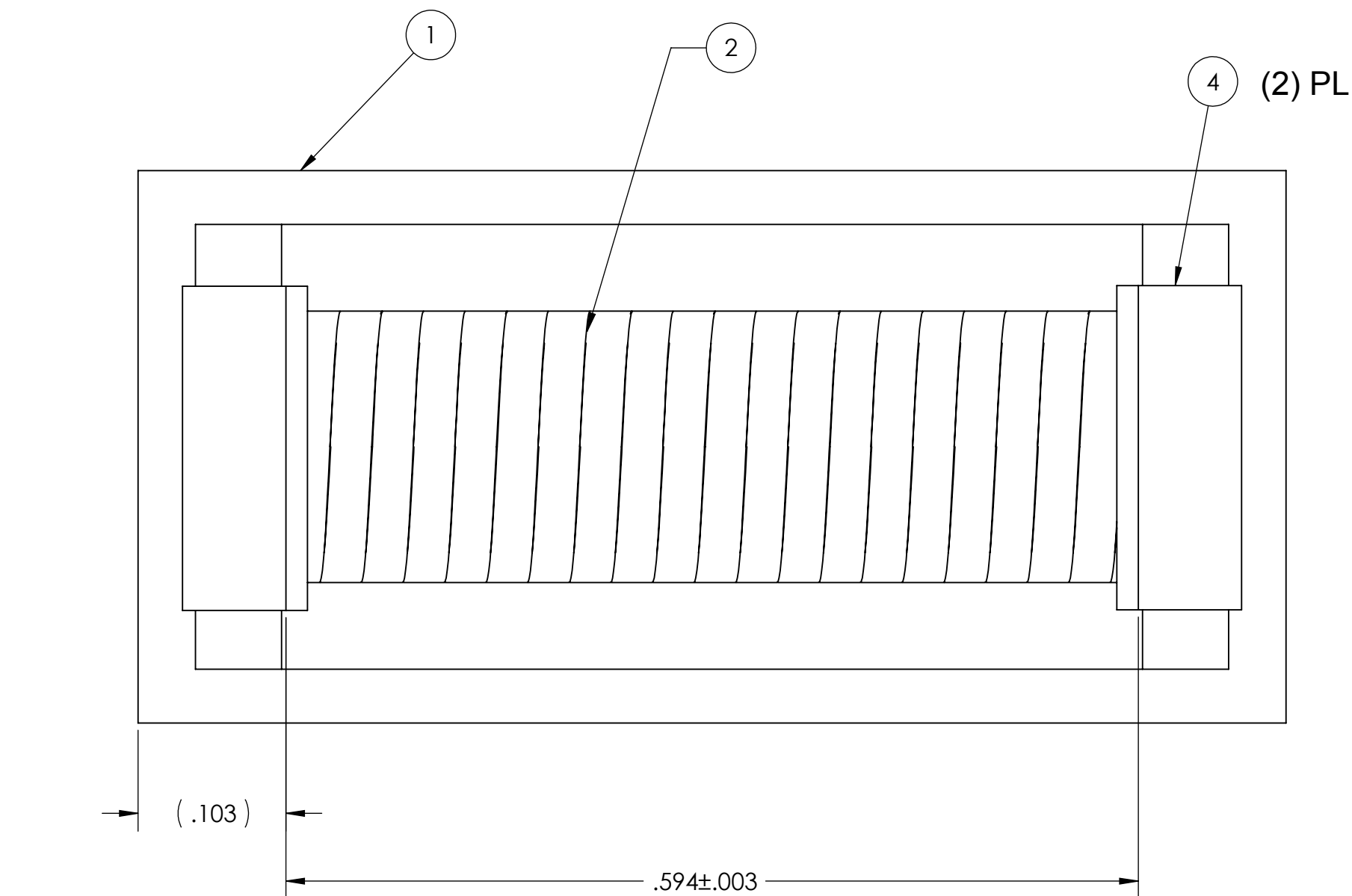
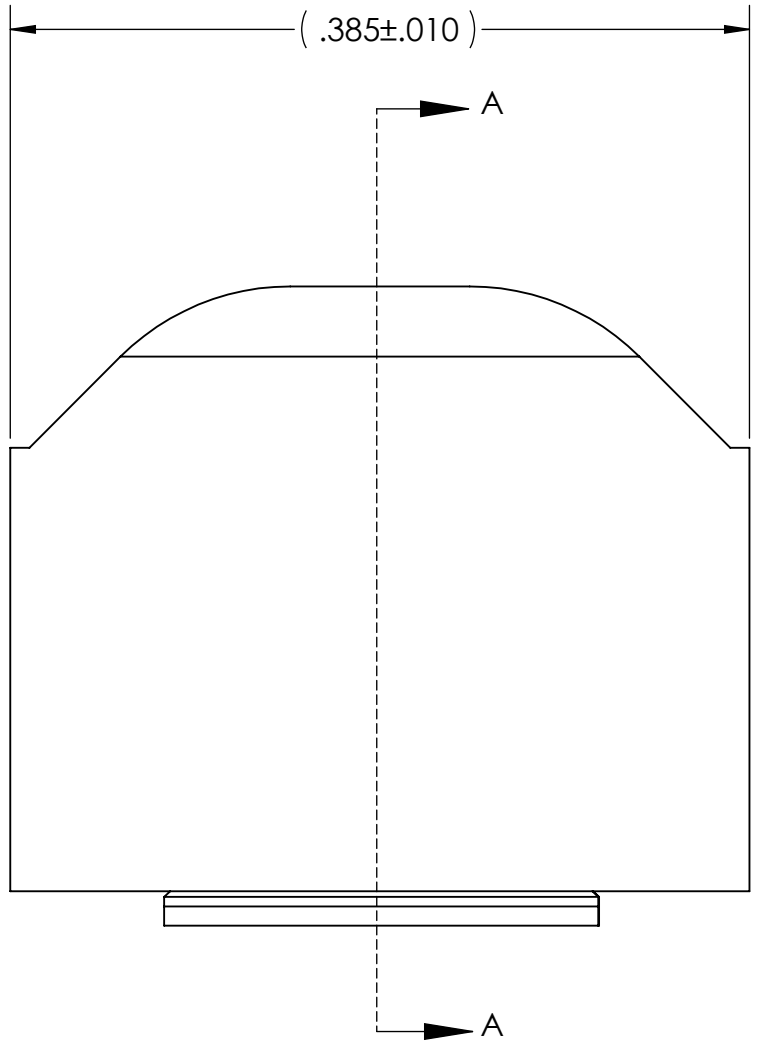
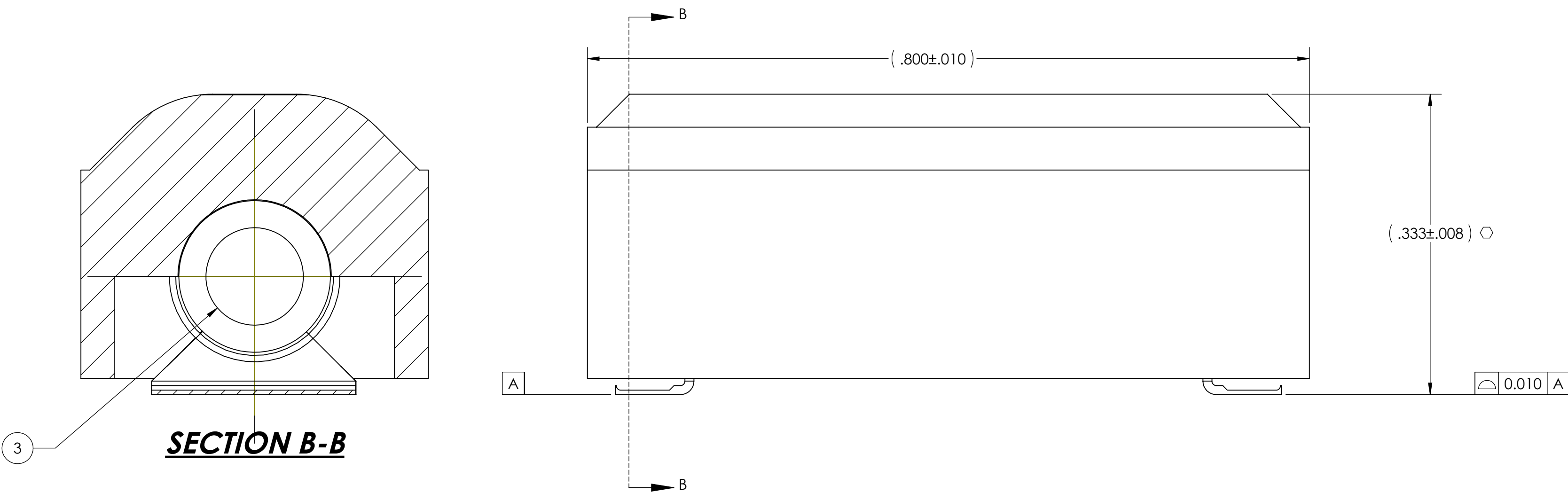


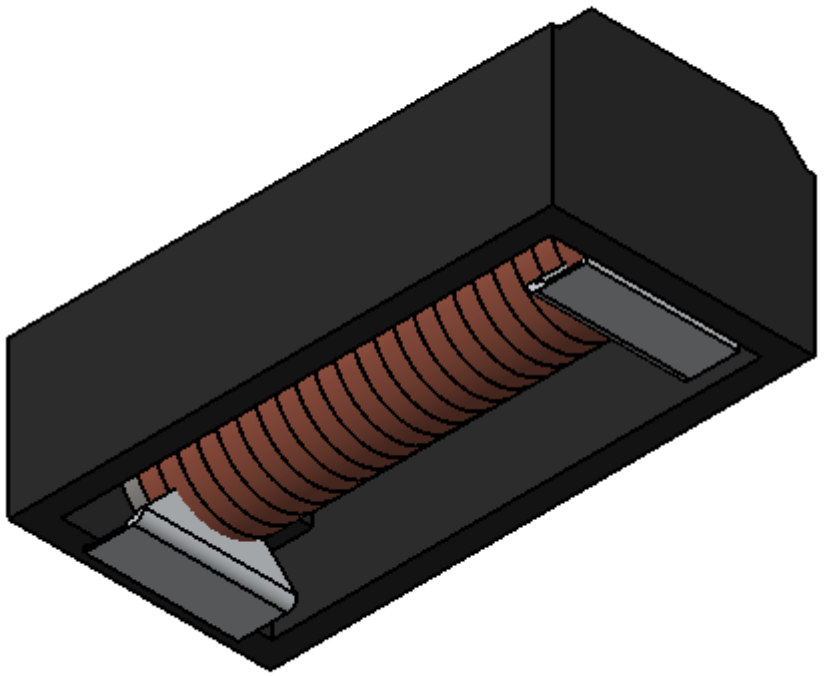
VICOR CONFIDENTIAL
THIS DOCUMENT AND THE DATA DISCLOSED HEREIN OR HEREWITH IS NOT TO BE REPRODUCED, USED OR DISCLOSED IN WHOLE OR IN PART TO ANYONE WITHOUT THE PERMISSION OF VICOR CORP.

REV.	DESCRIPTION	DATE	APPROVED
1	RELEASE PER E160216b MTB	02/29/16	DH



SECTION A-A

ITEMS 2,3 AND 4 REMOVED FOR CLARITY



BOM NO.	NO. OF TURNS	TURNS TOL.	uh @ 100 KHz 1V (OPEN CKT)			MIN Q @ 100 KHz 1V (OPEN CKT)	RDC mOHMS	
			MIN	NOM	MAX		TYP.	MAX
31499-01	90	+/- 3	279.30	332.10	407.80	30.0	220.70	260.43
31499-02	77	+/- 2	207.56	243.09	294.26	30.0	132.50	156.35
31499-03	57	+/- 2	111.62	133.21	164.13	25.0	68.84	81.23
31499-04	44	+/- 1	68.23	79.38	95.48	25.0	40.97	48.34
31499-05	34	+/- 1	40.18	47.40	57.76	24.0	24.90	29.38
31499-06	27	+/- 1	24.94	29.89	36.97	20.0	13.67	16.13
31499-07	22	+/- 1	16.27	19.84	24.94	20.0	9.33	11.01
31499-08	18	+/- 1	10.66	13.28	17.02	20.0	6.41	7.56
31499-09	14	+/- 0	7.23	8.04	9.241	20.0	3.90	4.49
31499-10	12	+/- 0	5.31	5.90	6.790	20.0	2.81	3.23
31499-11	10	+/- 0	3.69	4.10	4.715	25.0	1.75	2.01
31499-12	8	+/- 0	2.36	2.62	3.018	25.0	1.24	1.43
31499-13	6	+/- 0	1.33	1.48	1.697	25.0	0.708	0.814
31499-14	5	+/- 0	0.92	1.03	1.179	25.0	0.506	0.582
31499-15	4	+/- 0	0.59	0.66	0.754	25.0	0.364	0.419
31499-16	3	+/- 0	0.33	0.37	0.424	25.0	0.224	0.258
31499-17	44	+/- 1	79.00	80.50	82.0	25.0	40.97	48.34

NOTES:

1. SEE BOM 31499-XX FOR LIST OF PARTS.
2. REFLOW SOLDER TERMINALS, ITEM 4, TO ENDS OF COIL, ITEM 2, USING 96/4 TIN/SILVER SOLDER.
3. JOIN INSULATED ROD, ITEM 3, AND COIL, ITEM 2, TO FERRITE BASKET, ITEM 1, USING APPROXIMATELY 0.015 GRAM OF ADHESIVE, ITEM 5, AT EACH OF THE 4 LOCATIONS SHOWN IN SECTION A-A.
4. ADDITIONAL ADHESIVE MAY BE ADDED TO THE ASSEMBLY TO ENSURE THE .010 PROFILE SPEC CAN BE MET. (VENDOR OPTION).
5. PARTS SHALL MEET SOLDERABILITY REQUIREMENTS PER MIL-STD-202F, METHOD 208 AFTER EXPOSURE TO 8 HRS STEAM AGING PER MIL-STD-883, METHOD 2003.
6. "○" DENOTES CRITICAL CHARACTERISTICS FOR LOT INSPECTION.
7. RoHS COMPLIANT, LEAD FREE PER CST-0001 LATEST REVISION.
8. GENERAL WORKMANSHIP STANDARDS FOR MAGNETIC COMPONENTS PER WS-0002 LATEST REVISION.

DRAWN BY		DATE		 VICOR		SWD	
Gary Keay		2/18/2016					
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE: (INCH) (MM)				IND BASKET OUTPUT ASSY DWG			
DECIMALS ARE:		ANGLES					
X.XX (X.X1) ± 0.01 (0.25)		X.XXX (X.XXX) ± 0.005 (0.127) ± 1°					
THIRD ANGLE PROJECTION				SIZE		CAGE CODE	
 DO NOT SCALE DRAWING				D 67131		DWG NO 43693	
SCALE 10:1						REV 1	
				SHEET 1 OF 1			