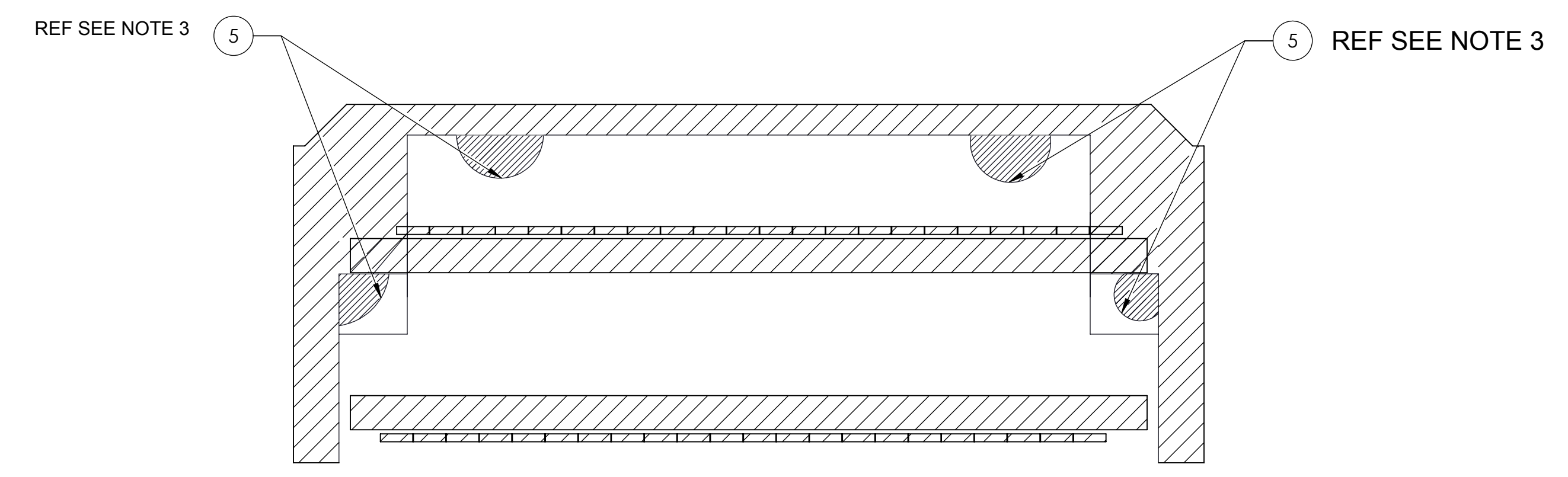
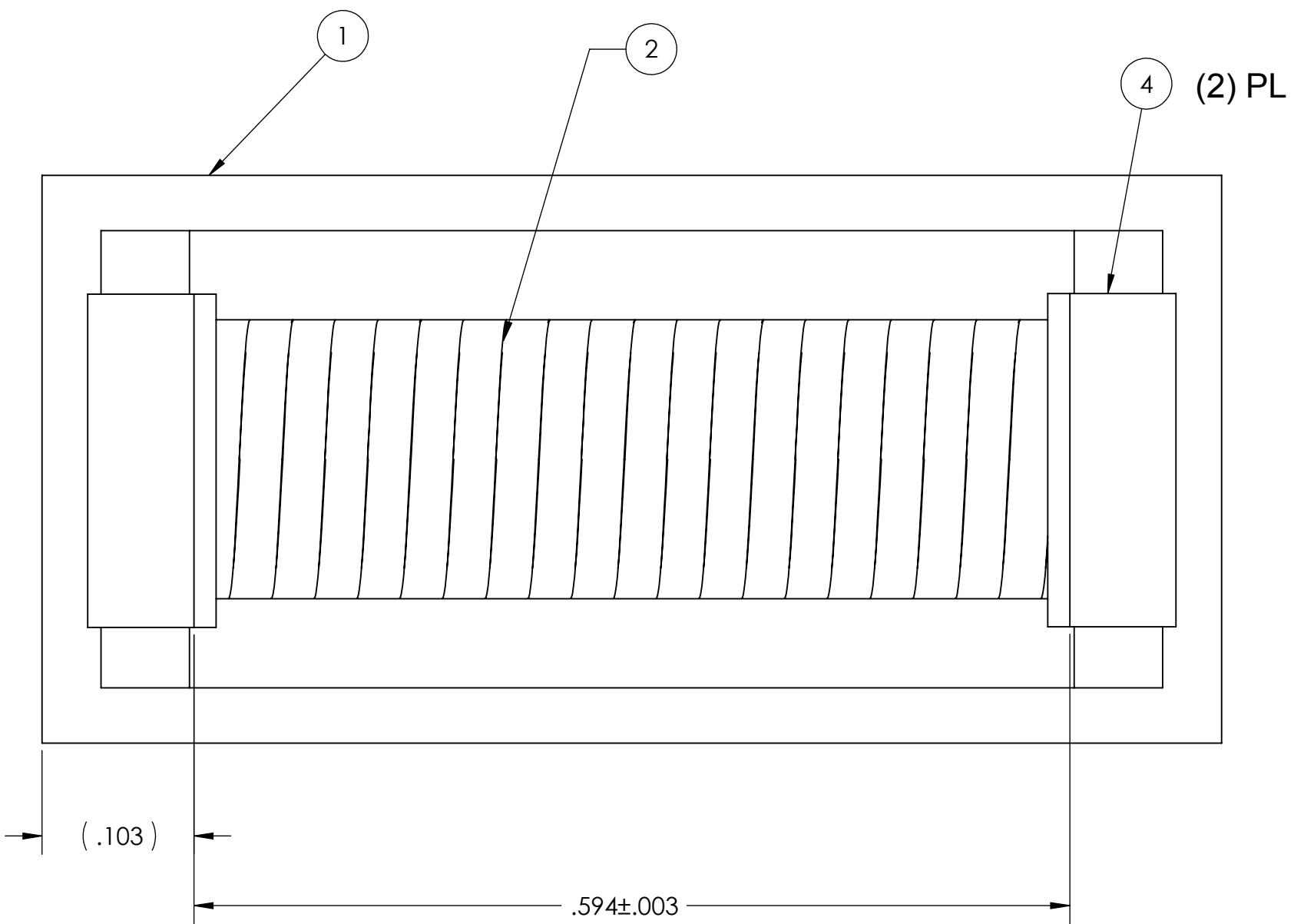
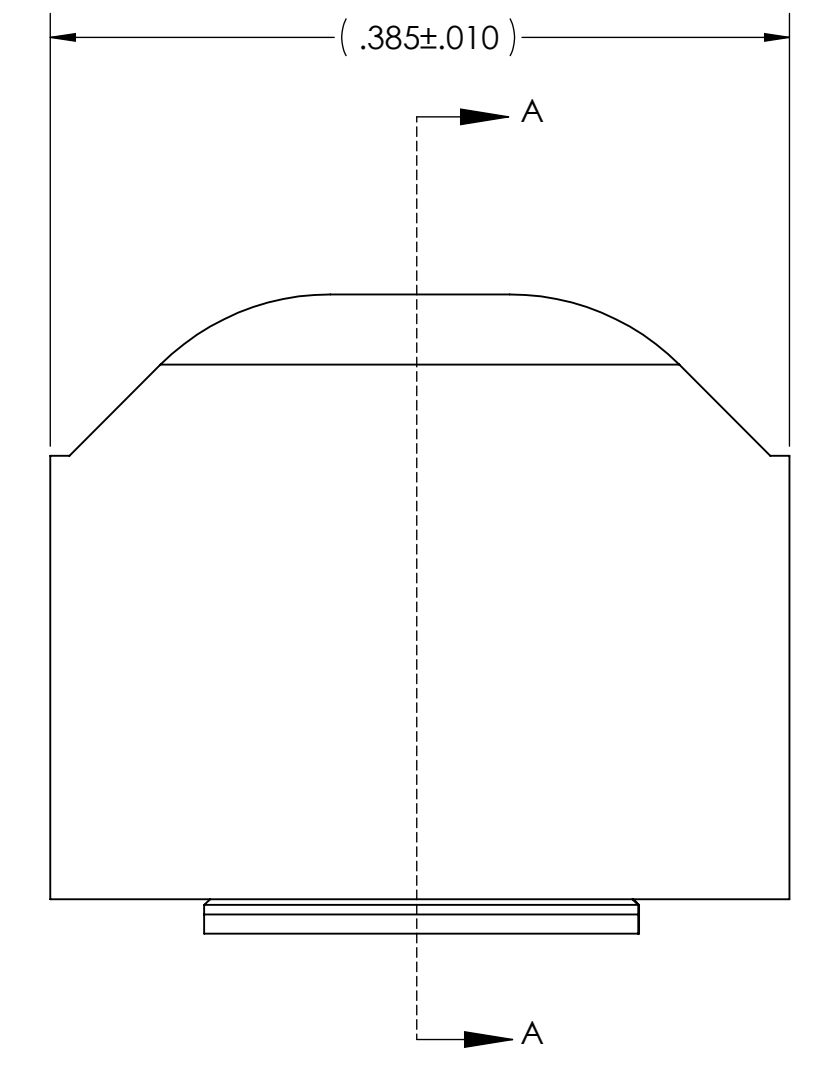
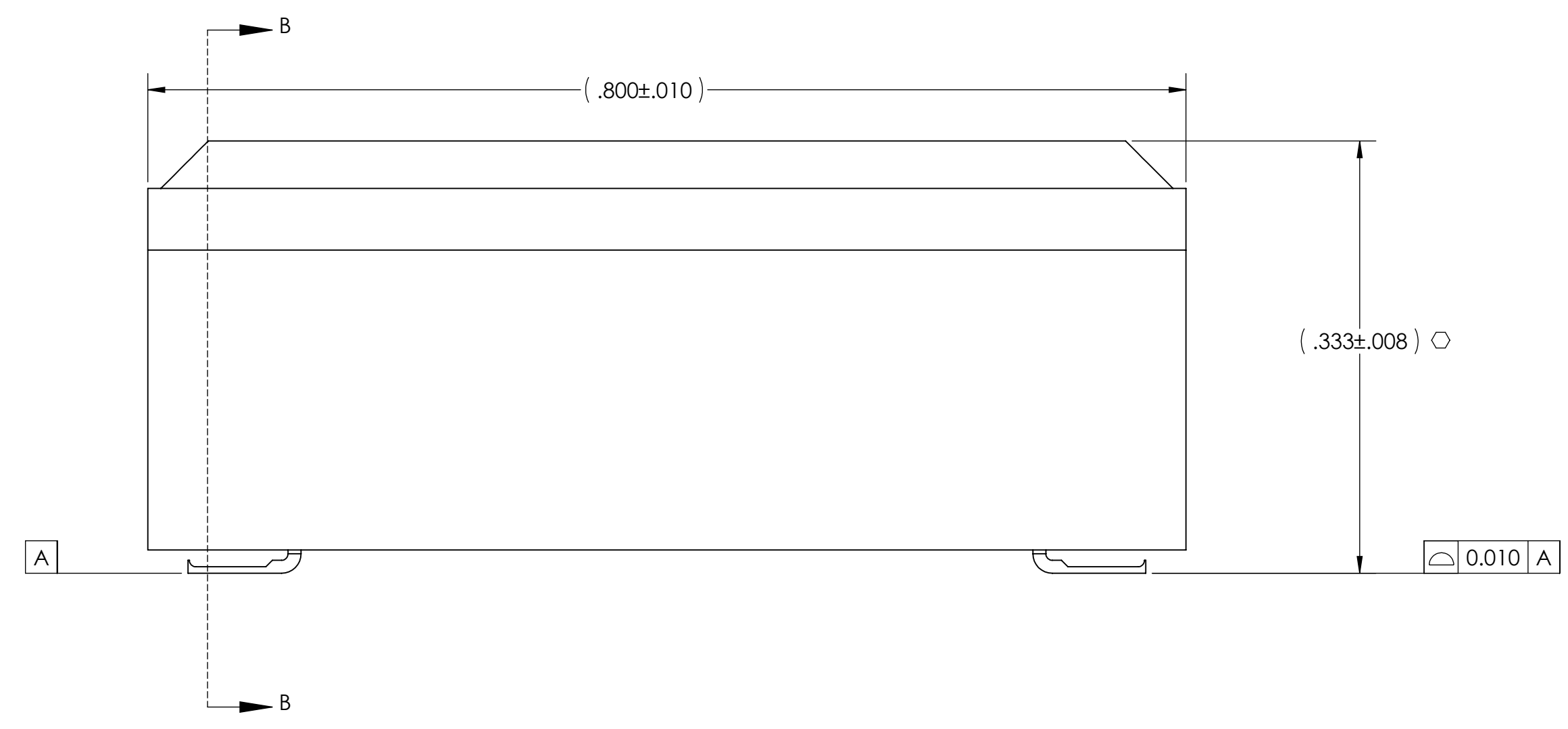
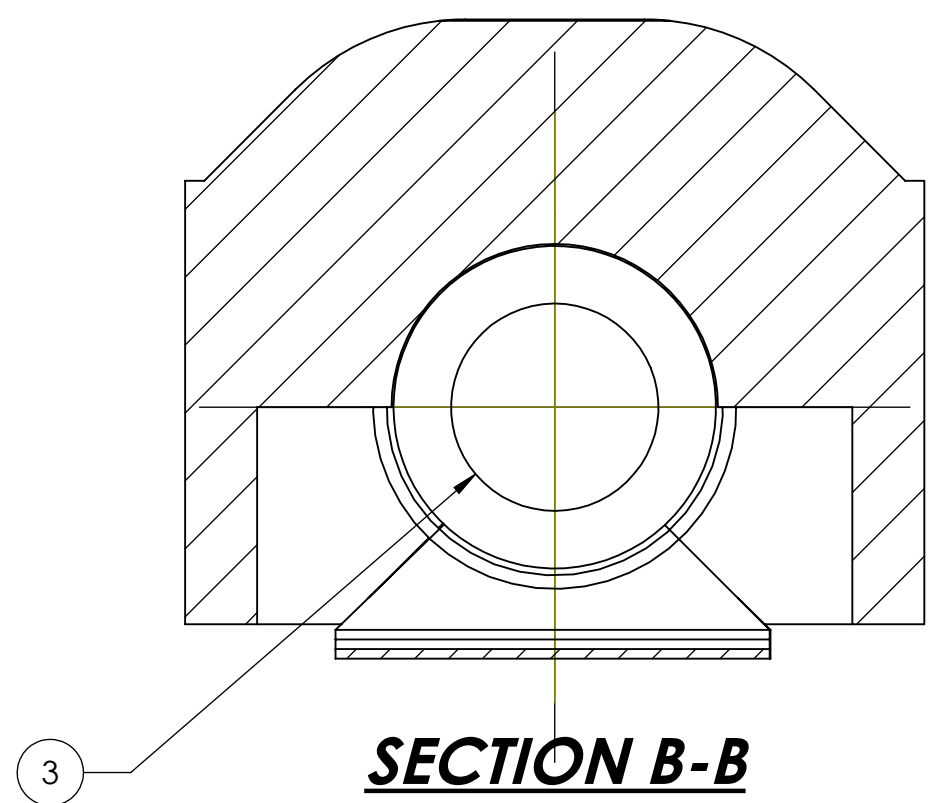


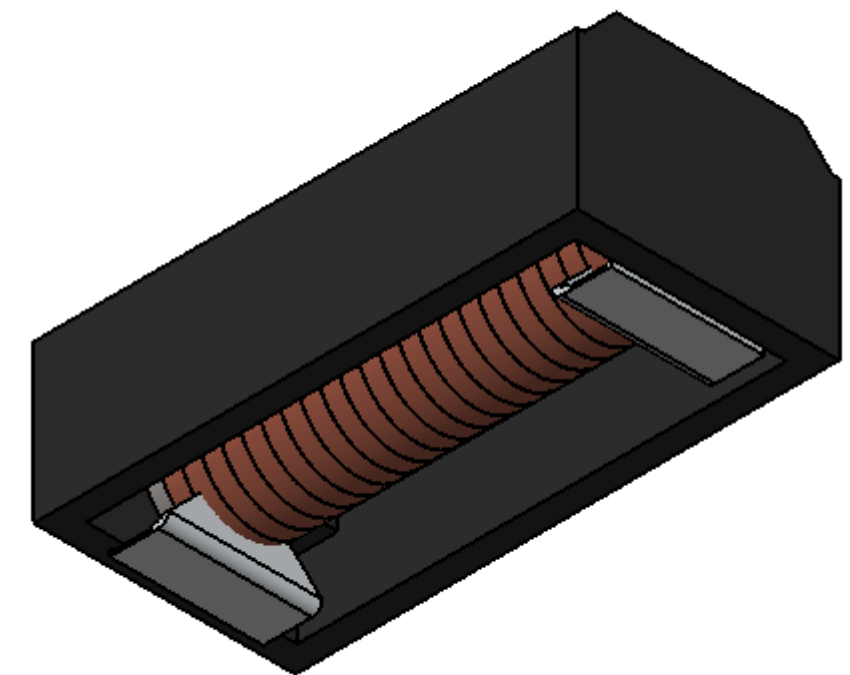
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REV.	DESCRIPTION	DATE	APPROVED
1	RELEASE PER E160216b MTB	02/29/16	DH



BOM NO.	NO. OF TURNS	TURNS TOL.	uh @ 100 KHz 1V (OPEN CKT)			MIN Q @ 100 KHz 1V (OPEN CKT)	RDC mΩHMS	
			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 Gary Key	DATE 2/18/2016	VICOR		SWD	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE: INCH / (MM)		IND BASKET OUTPUT ASSY DWG			
TOLERANCES ARE: DECIMALS: ANGLES: XXX (X.X) = +0.01 (0.25) ±1° X.XXX (X.XX) = ±0.005 (0.127)		SIZE D	CAGE CODE 67131	DWG NO. 43693	REV 1
THIRD ANGLE PROJECTION DO NOT SCALE DRAWING		SCALE 10:1	SHEET 1 OF 1		