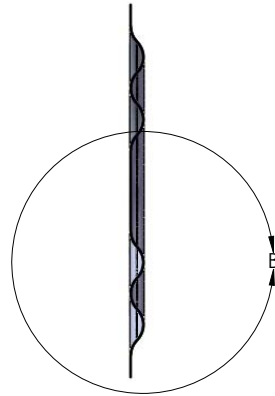
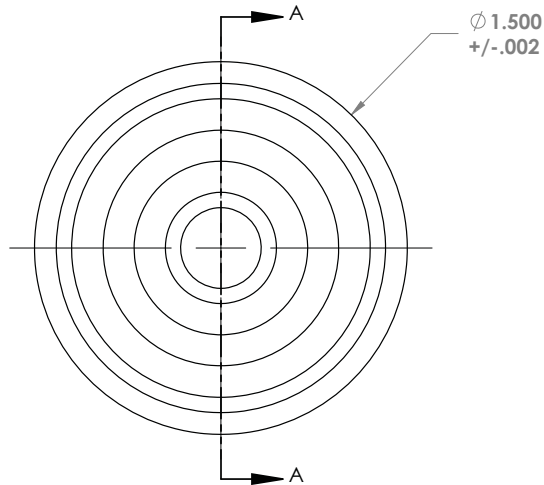


4

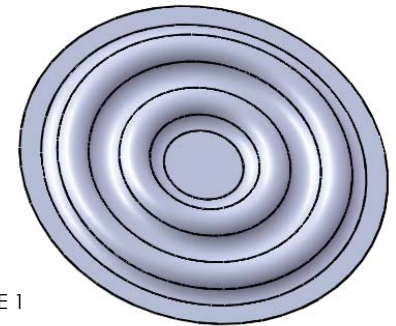
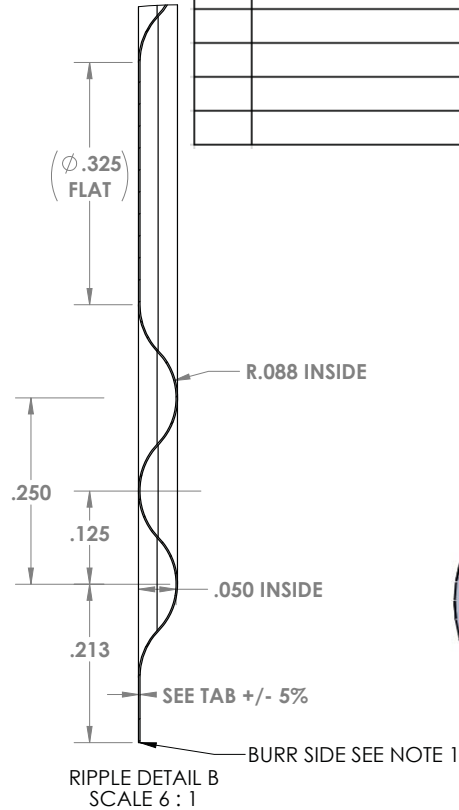
3

2

1



SECTION A-A



| REV | DESCRIPTION | DATE | INITIALS |
|-----|---------------------------------|-----------|----------|
| C | DEFLECTION CALCULATIONS UPDATED | 7/21/2017 | JD |
| | | | |
| | | | |
| | | | |
| | | | |

GENERAL NOTES:

- 1) BURR TO BE 30% OF MATERIAL THICKNESS
- 2) MAX CAMBER (POTATO CHIPPING) OF 2% OF OD
- 3) ALL RIPPLE DIMENSIONS IN VIEW B ARE TOOL CONTROLLED
- 4) MANUFACTURE DIAPHRAGM FROM TOOL T-LSHP-1.500
- 5) DINGS AND DENTS ACCEPTABLE IF DETECTED ON ONE SIDE ONLY
- 6) DIAPHRAGMS TO BE NESTED AND PACKED TO AVOID DAMAGE

| TAB | Part Name | Diameter | Thickness | Material | Specification | Deflection * |
|-----|--------------------|----------|-----------|----------|---------------|--------------|
| -1 | LSHP1.500-0020-718 | 1.500 | 0.002 | IC718 | AMS-5596 | 0.0026 |
| -2 | LSHP1.500-0030-316 | 1.500 | 0.003 | SS316L | AMS-5507 | 0.0011 |
| -3 | LSHP1.500-0030-625 | 1.500 | 0.003 | IC625 | AMS-5599 | 0.0011 |
| -4 | LSHP1.500-0030-718 | 1.500 | 0.003 | IC718 | AMS-5596 | 0.0011 |

* Deflections listed at 1.0 psi are simulated results. Actual results may vary.

UNLESS OTHERWISE SPECIFIED:
 DIMENSIONS ARE IN INCHES
 TOLERANCES:
 FRACTIONAL ± 1/32
 ANGULAR: MACH ± BEND ±
 TWO PLACE DECIMAL ± .015
 THREE PLACE DECIMAL ± .005
 INTERPRET GEOMETRIC
 TOLERANCING PER: ASME Y14.5M94
 DO NOT SCALE DRAWING

| | | |
|----------------|------------------------|---|
| NAME | DATE | TITLE: Metal Diaphragm |
| DRAWN WAGNER | 8-18-15 | |
| CHECKED DEBONE | 8-19-15 | |
| ENG APPR. | | |
| MFG APPR. | | |
| Q.A. | | PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF HUDSON TECHNOLOGIES. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF HUDSON TECHNOLOGIES IS PROHIBITED. |
| SIZE B | DWG. NO. LSHP1.500-TAB | REV C |
| SCALE: 2:1 | WEIGHT: | SHEET 1 OF 1 |

4

3

2

1