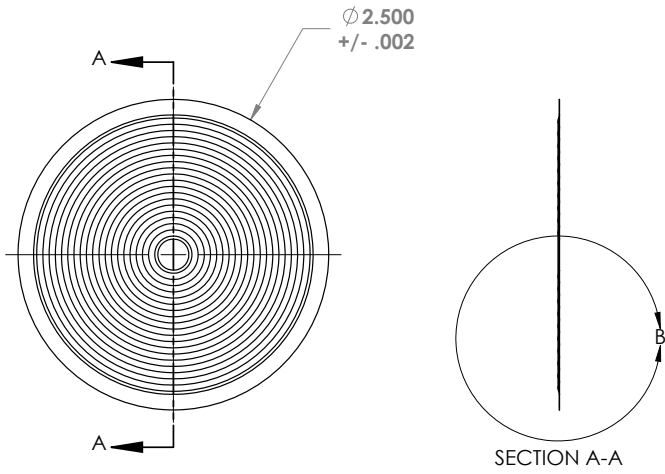


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3

2

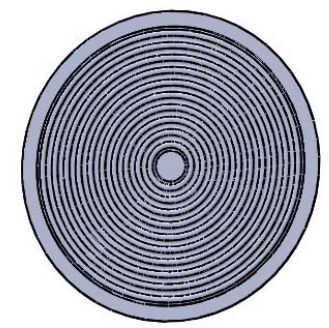
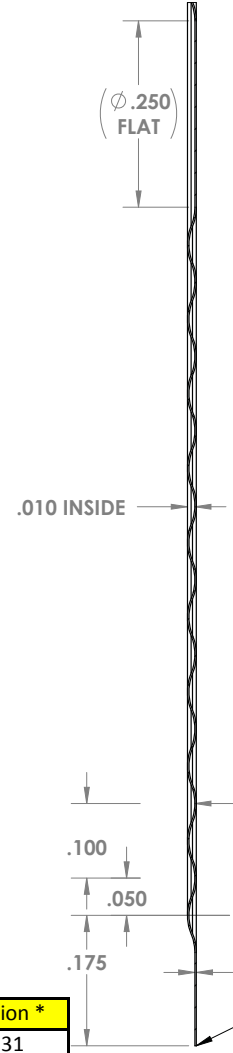
1



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-HSLP-2.500
- 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	HSLP2.500-0020-316	2.500	0.002	SS316L	AMS-5507	0.0531
-2	HSLP2.500-0020-718	2.500	0.002	IC718	AMS-5596	0.0518
-3	HSLP2.500-0030-316	2.500	0.003	SS316L	AMS-5507	0.0340
-4	HSLP2.500-0030-625	2.500	0.003	IC625	AMS-5599	0.0327
-5	HSLP2.500-0030-718	2.500	0.003	IC718	AMS-5596	0.0332

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

DETAIL B
SCALE 6 : 1

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	9-19-15	
CHECKED DEBONE	9-22-15	
ENG APPR.		
MFG APPR.		
<small>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.</small>		SIZE B DWG. NO. HSLP2.500-TAB SCALE: 1:1 WEIGHT:
		REV C SHEET 1 OF 1

4

3

2

1