

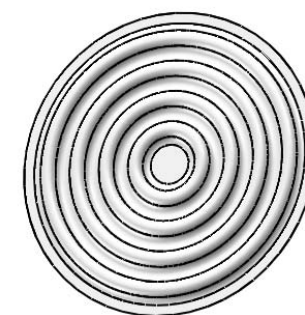
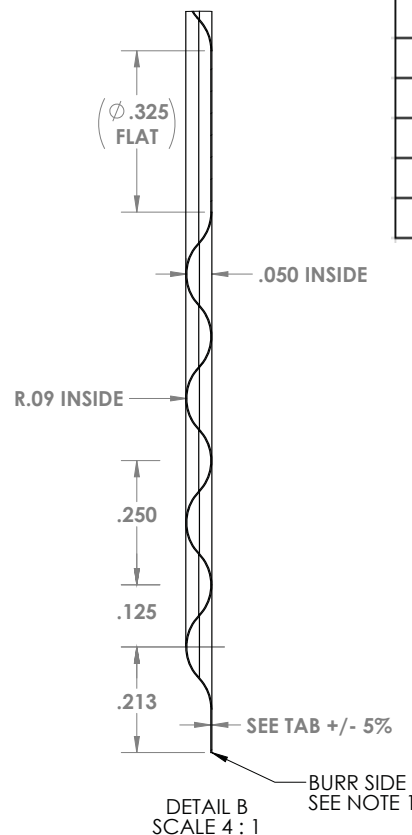
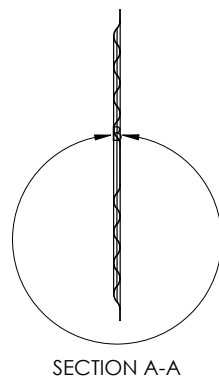
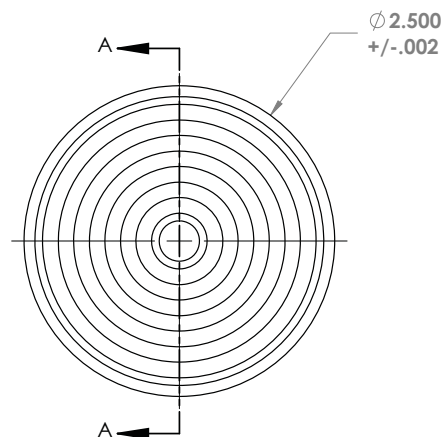
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REV	DESCRIPTION	DATE	INITIALS
C	DEFLECTION CALCULATIONS UPDATED	7/21/2017	JD



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-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	LSHP2.500-0020-718	2.500	0.002	IC718	AMS-5596	0.0131
-2	LSHP2.500-0030-316	2.500	0.003	SS316L	AMS-5507	0.0071
-3	LSHP2.500-0030-625	2.500	0.003	IC625	AMS-5599	0.0065
-4	LSHP2.500-0030-718	2.500	0.003	IC718	AMS-5596	0.0067

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

	NAME	DATE	TITLE: Metal Diaphragm	
DRAWN	WAGNER	9-22-15		
CHECKED	DEBONE	9-22-15		
ENG APPR.				
MFG APPR.				
Q.A.			HUDSON DEEP DRAW A PRECISION Company	
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SIZE	DWG. NO.	REV		
B	LSHP2.500-TAB	C		
SCALE: 1:1		WEIGHT:	SHEET 1 OF 1	

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

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