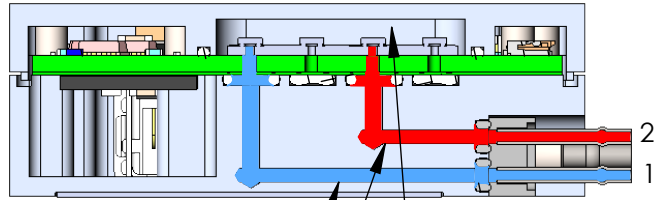


NOTES:

1. ASSEMBLY HAS BEEN SIMPLIFIED FOR CLARITY.
2. INPUT VOLUME HAS PATTERN REPEATING EVERY 4TH TUBE.

REVISIONS

REV	DESCRIPTION	DATE	APPROVED
-	INITIAL RELEASE	5-23-2022	NRB



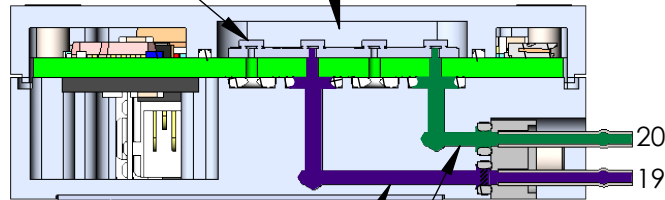
SECTION A-A

$\phi 0.035 \nabla 0.65$
0.001696cu in

$\phi 0.035 \nabla 0.33$
0.001215cu in

REFERENCE CAVITY FOR REF PORT

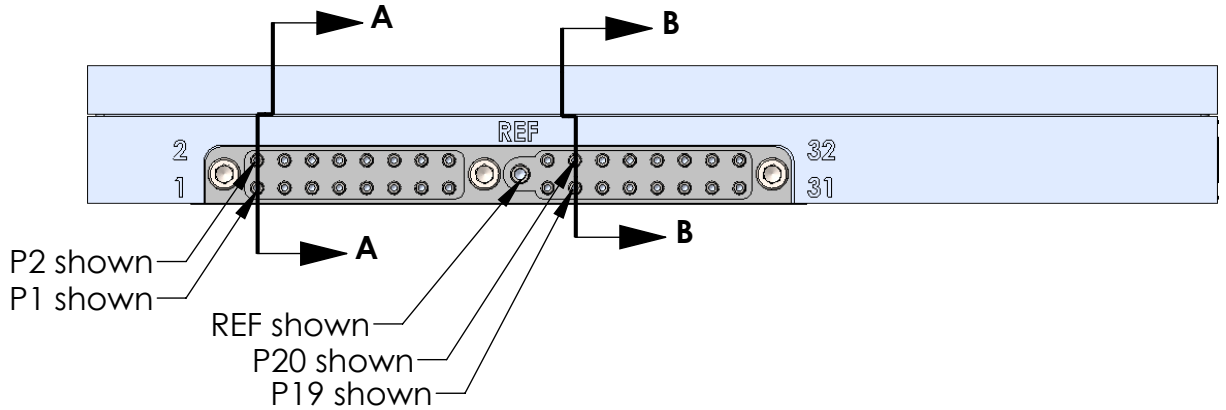
SENSOR DIE BACKSIDE APPLICATION



SECTION B-B

$\phi 0.035 \nabla 0.49$
0.001542cu in

$\phi 0.035 \nabla 0.17$
0.001087cu in



MPS Px CHANNEL (at SS Tube End)									VOLUME cubic inch
1	5	9	13	17	21	25	29	0.001696	
2	6	10	14	18	22	26	30	0.001215	
3	7	11	15	19	23	27	31	0.001542	
4	8	12	16	20	24	28	32	0.001087	
REFERENCE CAVITY FOR ALL 32 CHANNELS									0.1052

MPS4232 VOLUME STUDY

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES: TWO PLACE DECIMAL ± .015 THREE PLACE DECIMAL ± .005 SHEETMETAL PARTS ± .025 BEND RADIUS .06 MAX ANGULARITY ± 1.5° VALUED CUSTOMER:	DRAWN	05-23-22	NAME	<p>Scanivalve LIBERTY LAKE, WA</p> <p>TITLE: MPS4232 VOLUME STUDY</p>		
	CHECKED	5-23-22	AA			
	ENGINEER	5-23-22	NRB			
CUSTOMER APPROVAL:	DATE:		SIZE	DWG. NO.	REV	
			A	80188	-	
DO NOT SCALE DRAWING	CAD: SOLIDWORKS 2019		SCALE: N/A	ERO#:	SHEET 1 OF 1	