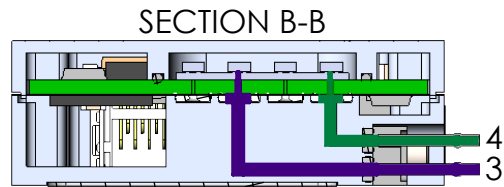
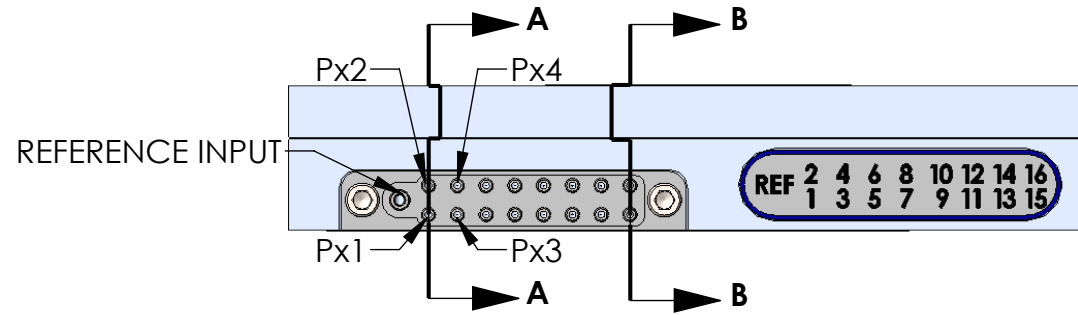
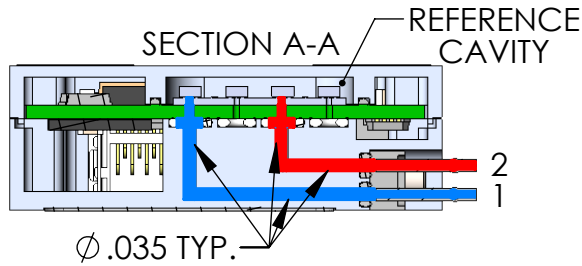


**NOTES:**

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

**REVISIONS**

REV	DESCRIPTION	DATE	APPROVED
-	INITIAL RELEASE	1/16/24	AA



MPS CHANNEL VOLUME (FROM END OF SS TUBE)					VOLUME (CUBIC INCHES)
1	5	9	13		<b>0.00144</b>
2	6	10	14		<b>0.00104</b>
3	7	11	15		<b>0.00129</b>
4	8	12	16		<b>0.00089</b>
REFERENCE VOLUME (COMMON TO ALL 16 CHANNELS)					<b>0.04957</b>

**MPS4216 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:		DATE	NAME	<b>Scanivalve</b> LIBERTY LAKE, WA TITLE: MPS4216 VOLUME STUDY
	DRAWN	1-16-24	AA	
	CHECKED	1-16-24	AA	
	ENGINEER	1-16-24	AA	
CUSTOMER APPROVAL:		DATE:		SIZE: A    DWG. NO.: 80547    REV: -
DO NOT SCALE DRAWING	CAD: SOLIDWORKS 2019	SCALE: N/A	ERO#:	SHEET 1 OF 1