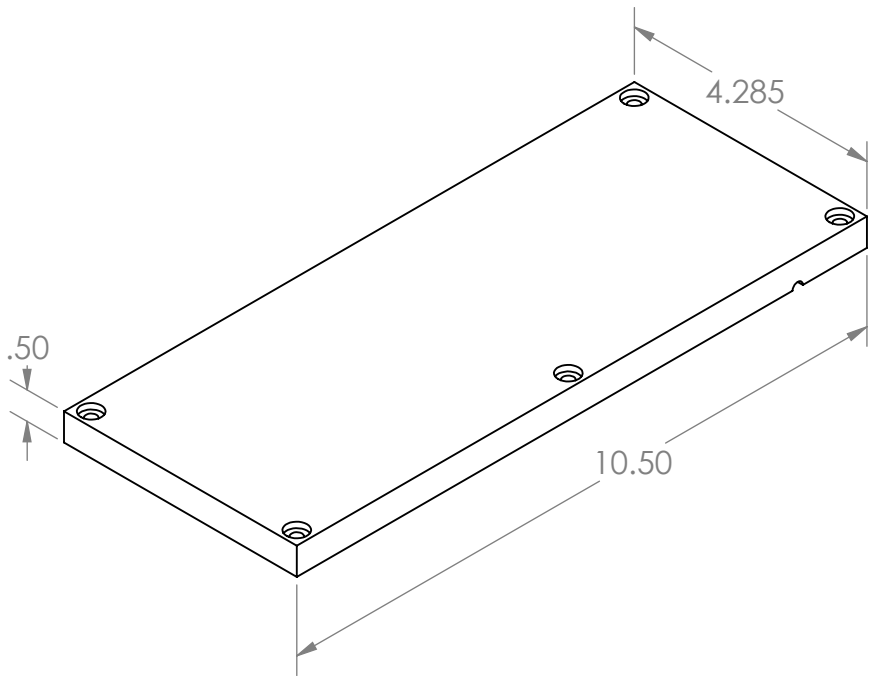


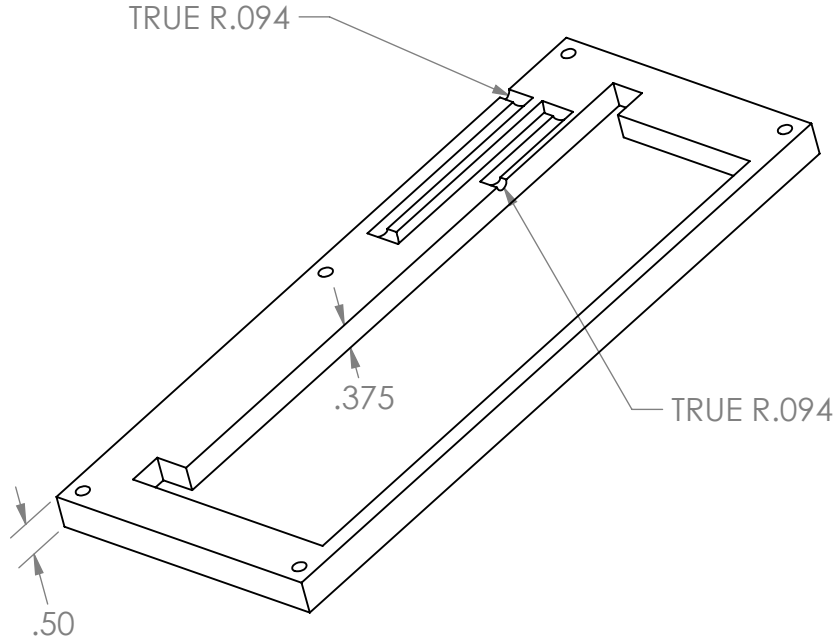
B

A

Top:



Bottom:



B

A

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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	TITLE: 3D View of Top and Bottom		
		DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± ANGULAR: MACH ± BEND ± TWO PLACE DECIMAL ± THREE PLACE DECIMAL ±	DRAWN					
			CHECKED					
			ENG APPR.					
			MFG APPR.					
		INTERPRET GEOMETRIC TOLERANCING PER:	Q.A.			SIZE DWG. NO. REV A Lid		
		MATERIAL	COMMENTS:					
		FINISH						
NEXT ASSY	USED ON					SCALE: 2:5	WEIGHT:	SHEET 1 OF 4
APPLICATION		DO NOT SCALE DRAWING						

2

1

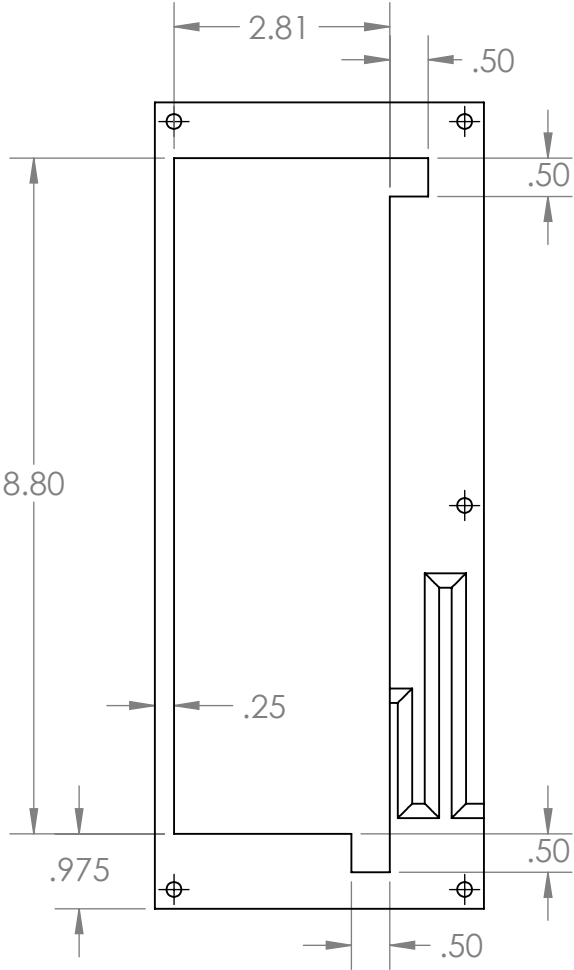
B

A

B

A

Bottom:



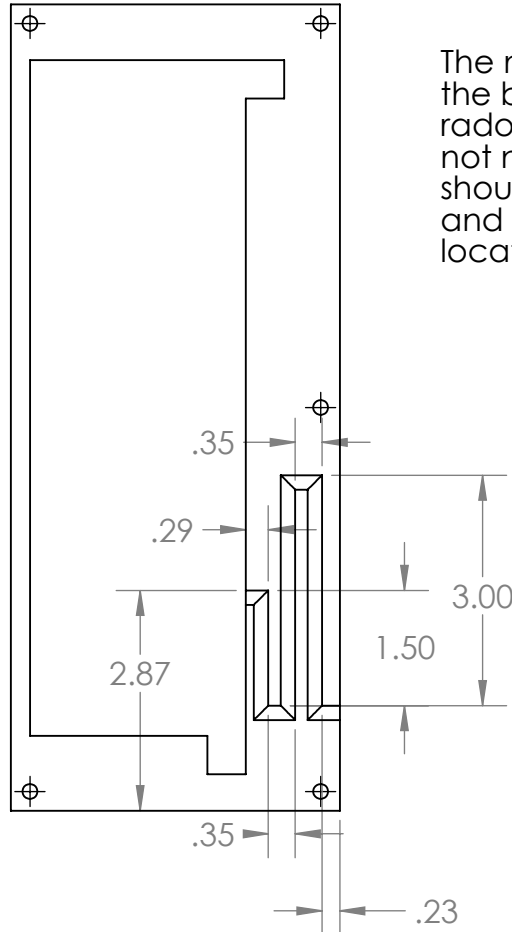
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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	TITLE: .375" Depth Cut		
		DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± ANGULAR: MACH ± BEND ± TWO PLACE DECIMAL ± THREE PLACE DECIMAL ±	DRAWN					
			CHECKED					
			ENG APPR.					
			MFG APPR.					
		INTERPRET GEOMETRIC TOLERANCING PER:	Q.A.			SIZE DWG. NO. REV A Lid		
		MATERIAL	COMMENTS:					
		FINISH						
NEXT ASSY	USED ON							
APPLICATION		DO NOT SCALE DRAWING						
						SCALE: 2:5	WEIGHT:	SHEET 2 OF 4

2

1

Bottom:



The meander should let air escape while the box is under vacuum, but limit radon/dust entry at all other times. It does not need to be exactly like this, but should serpentine at least this many times and be placed in approximately in this location.

For this drawing, the cut is a semicircle with .094" radius. This can be replace with whatever type of cut is easiest.

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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	TITLE: Meander Cut (air outlet path)				
		DIMENSIONS ARE IN INCHES	DRAWN							
		TOLERANCES:	CHECKED							
		FRACTIONAL ±	ENG APPR.							
		ANGULAR: MACH ± BEND ±	MFG APPR.							
		TWO PLACE DECIMAL ±	Q.A.			SIZE	DWG. NO.	REV		
		THREE PLACE DECIMAL ±	COMMENTS:				A	Lid		
		INTERPRET GEOMETRIC TOLERANCING PER:				SCALE: 2:5			WEIGHT:	SHEET 3 OF 4
		MATERIAL								
NEXT ASSY	USED ON	FINISH								
APPLICATION		DO NOT SCALE DRAWING								

B

A

B

A

2

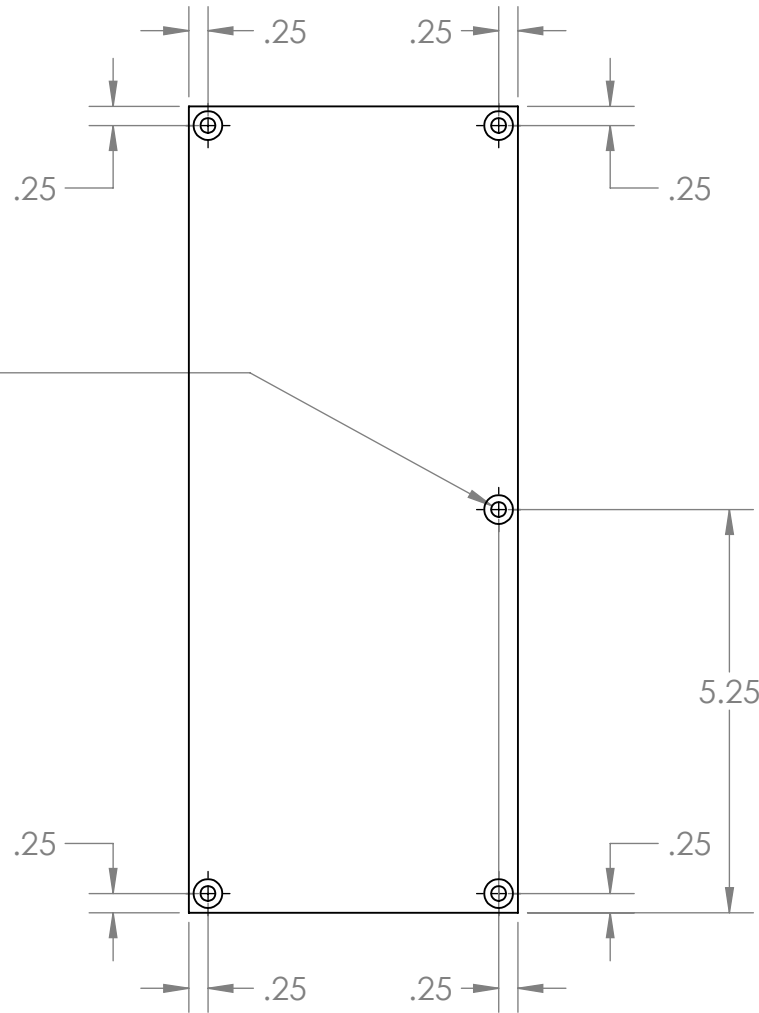
1

2

1

Top:

THRU diameter

Counterbore
diameterCounterbore
depth5X \varnothing .1935 THRU ALL
 \square \varnothing .3750 ∇ .1050

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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	TITLE: 0.1935" THRU Counterbore locations (loose untapped #8)		
		DIMENSIONS ARE IN INCHES	DRAWN					
		TOLERANCES:	CHECKED					
		FRACTIONAL \pm	ENG APPR.					
		ANGULAR: MACH \pm BEND \pm	MFG APPR.					
		TWO PLACE DECIMAL \pm	Q.A.			SIZE	DWG. NO.	REV
		THREE PLACE DECIMAL \pm	COMMENTS:				Lid	
		INTERPRET GEOMETRIC TOLERANCING PER:				SCALE: 2:5	WEIGHT:	SHEET 4 OF 4
		MATERIAL						
		FINISH						
	NEXT ASSY	USED ON						
	APPLICATION		DO NOT SCALE DRAWING					