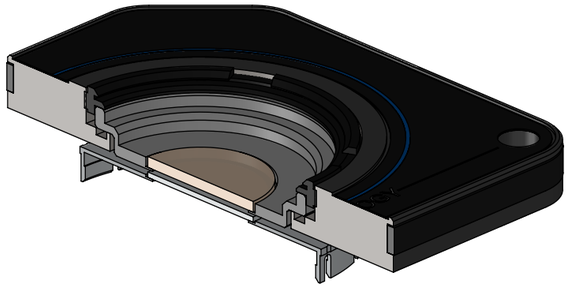
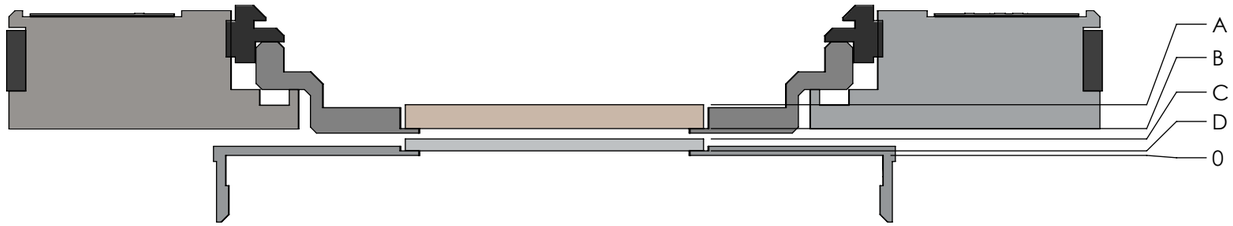
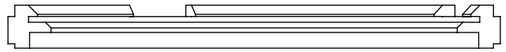
REVISIONS			
REV.	DESCRIPTION	Rev. By	DATE
A	INITIAL PROTO-TYPE RELEASE	Brock M.	5.17.2017

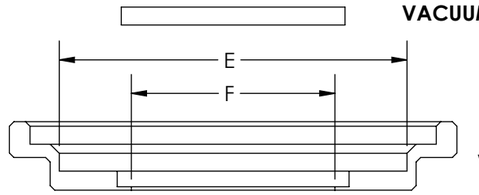




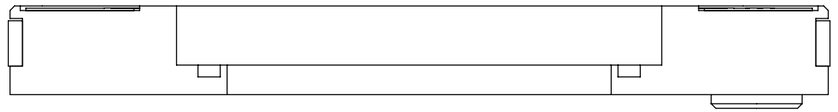


RETAINING RING

VACUUM WINDOW

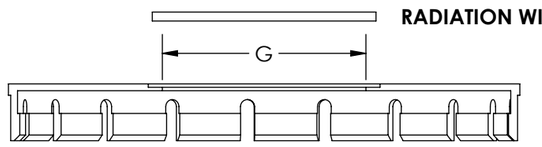


VACUUM WINDOW HOLDER



HOUSING LID

RADIATION WINDOW



RADIATION LID

EXPLODED VIEW

NOTATION	DESCRIPTION	DIMENSION (mm)
A	Bottom of radiation lid to top of vacuum window	4.25
B	Bottom of radiation lid to bottom of vacuum window	2.25
C	Bottom of radiation lid to top of radiation window	1.38
D	Bottom of radiation lid to bottom of radiation window	0.38
E	Inset low working distance bore diameter	38.86
F	Vacuum window holder aperture diameter	22.75
G	Radiation lid aperture diameter	22.75

DIMENSIONS ARE IN INCHES
TOLERANCES ARE
DECIMALS
.X ±.05
.XX ±.01
.XXX ±.005
.XXXX +.0005 -.0000
FRACTIONS ±1/64
ANGLES ±1°

MATERIAL

FINISH

DO NOT SCALE DRAWING

PREPARED IN SOLIDWORKS

APPROVALS	DATE
DRAWN Brock M.	5/17/2017
CHKD	
DESIGNED	

Surface Area:

Weight:

NEXT ASSY | USED ON

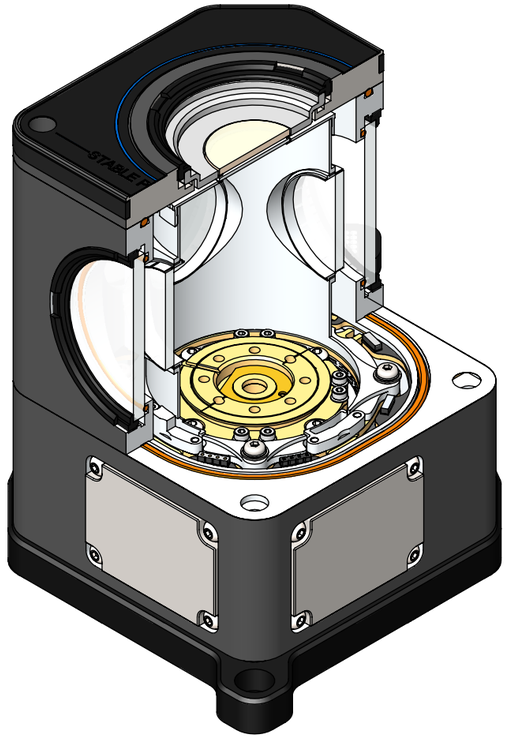
INSET LOW WORKING DISTANCE DIMENSIONS

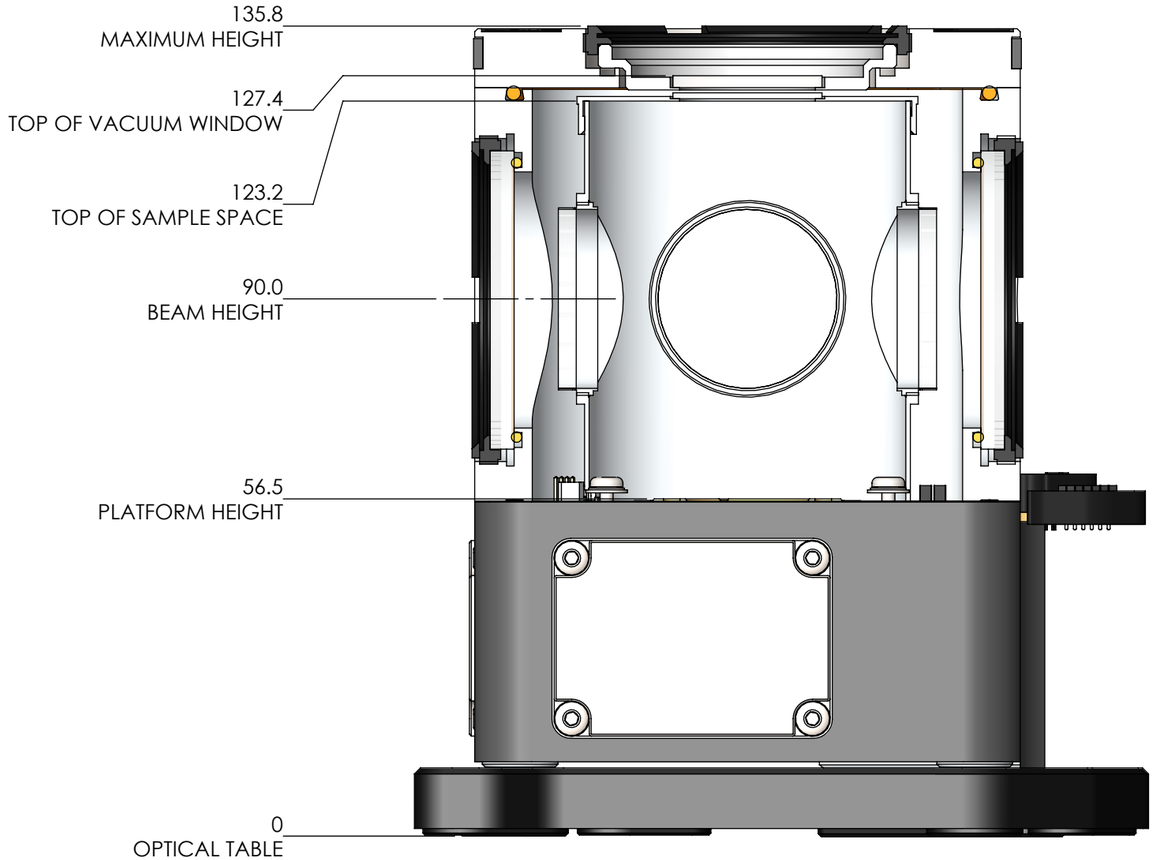
FILENAME: 4100-1216_Inset_LWD_Option.SLDDRW

MONTANA INSTRUMENTS
BOZEMAN, MT

SIZE	PART NO.	DRAWING NO.	
B			
SCALE	REV	REA NO.	SHEET
1:1	A		1 OF 2

Wednesday, May 17, 2017 12:55:18 PM, brock.meyer





SIZE	CAGE	DRAWING NO.	
B			
SCALE 1:5	REV A	REA NO.	SHEET 2 OF 2

Wednesday, May 17, 2017 12:55:18 PM, brock.meyer