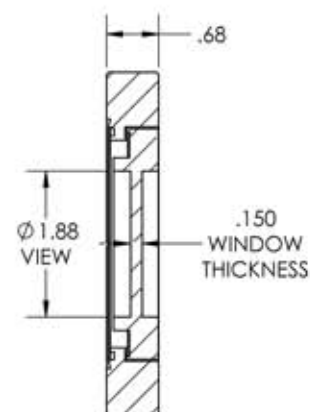
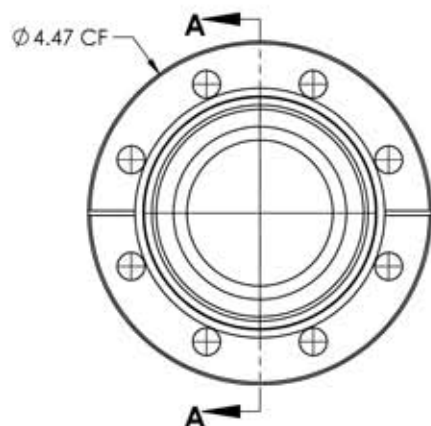


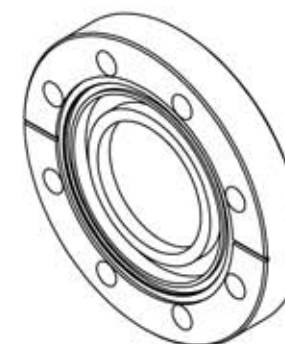
A4977-1-CF

REV

10/3/2013



SECTION A-A



NOTES:

1. Leak Rate: $<2 \times 10^{-10}$ atm/cc sec He
2. Parallelism: <3 Arc Minutes
3. 1 Wave per Inch @ 633nm Transmitted Wavefront
4. Surface Finish: 40/20 Scratch-Dig
5. Thermal Range: -100°C To 200°C
6. Material: Crystal Quartz
7. C-axis Parallel to Optical Axis

Crystal Quartz (SiO₂) Viewport, UHV Rated Vacuum-Optics,
1.88" View Dia, 4.50" Conflat Flange

APPROVED

TITLE:
VIEWPORT, SiO₂ VAC-OPTICS,
2.0 VIEW, 450CF

PROPRIETARY AND CONFIDENTIAL		UNLESS OTHERWISE SPECIFIED:		MPF PRODUCTS INC.			2.0 VIEW, 450CF		
ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF MPF PRODUCTS INC. IS PROHIBITED.	DIMENSIONS ARE IN INCHES TOLERANCES:		FINISH	DRAWN BY	DATE	SIZE A	DWG. NO. A4977-1-CF	REV	
			CONFLAT	JB	10/02/2013				
USED ON:	ANGULAR: MACH: 1/2° TWO PLACE DECIMAL THREE PLACE DECIMAL ± .030 ± .015		CHECKED		10/02/2013			10/3/2013	
			DO NOT SCALE DRAWING	ENG APPR.	JB	10/02/2013	LAST SAVED DATE	Thursday, October 03, 2013 8:21:18 AM	