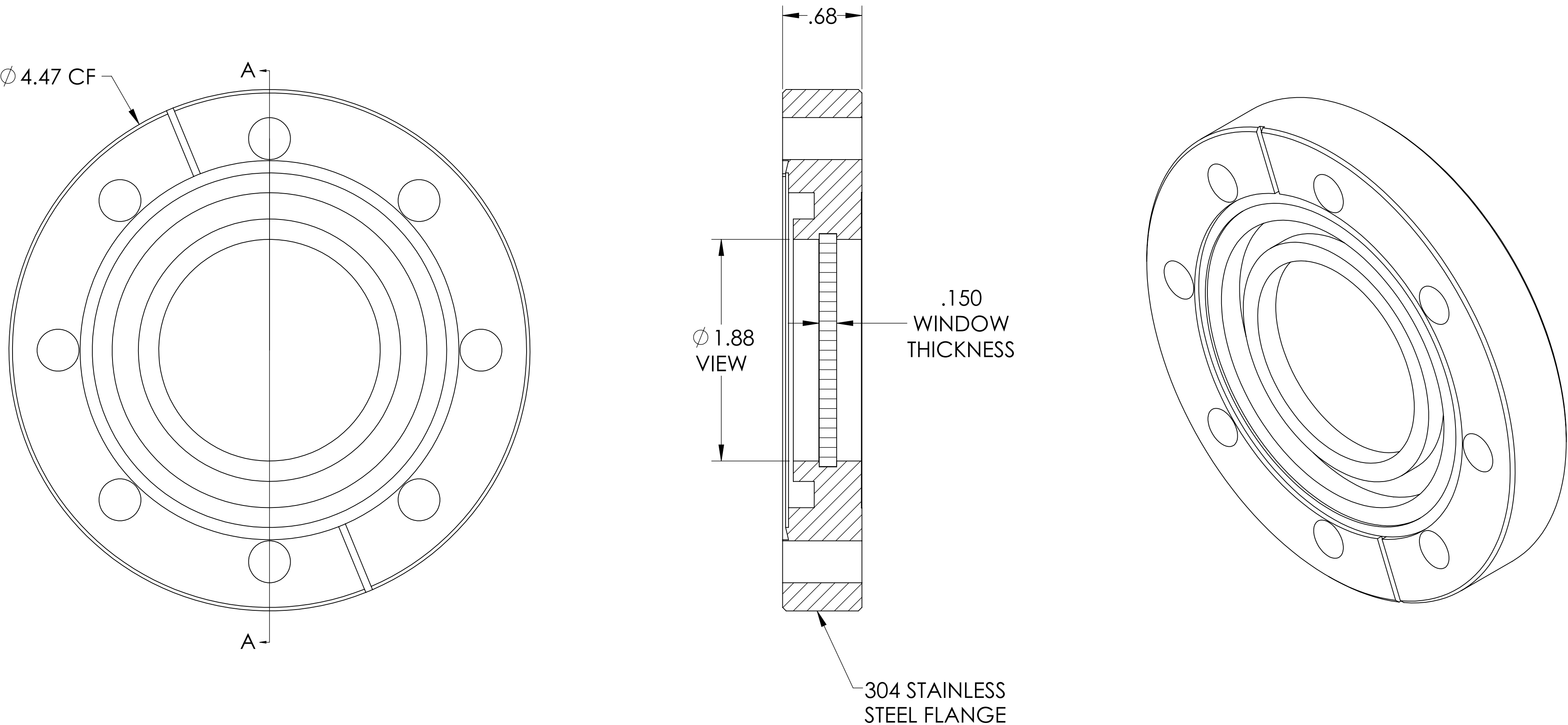
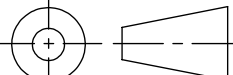



MPF PRODUCTS INC.



- SPECIFICATIONS:
1. MATERIAL: CRYSTAL QUARTZ (Z-CUT)
 2. TWD < 1 λ @ 632NM (PEAK TO VALLEY)
 3. PARALLELISM < 3 ARC MINUTES
 4. SURFACE FINISH: 40/20 SCRATCH-DIG
 5. THERMAL RANGE: -100°C TO 200°C
 6. LEAK RATE < 1 X 10-9 ATM/CC SEC HE

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

UNLESS OTHERWISE SPECIFIED:		QUOTATION #		N/A	
DIMENSIONS ARE IN INCHES TOLERANCES: ANGULAR: MACH ± 1/2° TWO PLACE DECIMAL ± .030 THREE PLACE DECIMAL ± .015			NAME	DATE	MPF PRODUCTS INC. TITLE: VIEWPORT, SIO2 VAC- OPTICS, 2" VIEW, 450CF DOWNLOADED FROM MPFPI.COM DWG. NO. A4977-1-CF REV
		DRAWN	WJ	9/11/2015	
		CHECKED		9/11/2015	
		ENG APPR.	WJ	9/11/2015	
MATERIAL		THIRD ANGLE: 			
		APPLICATION			
		NEXT ASSY USED ON			
FINISH		SURFACE FINISH:  63 OR BETTER			
PLATING		UNLESS OTHERWISE SPECIFIED: ALL DIAMETERS CONCENTRIC WITHIN .005. REMOVE ALL BURRS AND SHARP EDGES			
Thursday, January 24, 2019 11:18:57 AM					