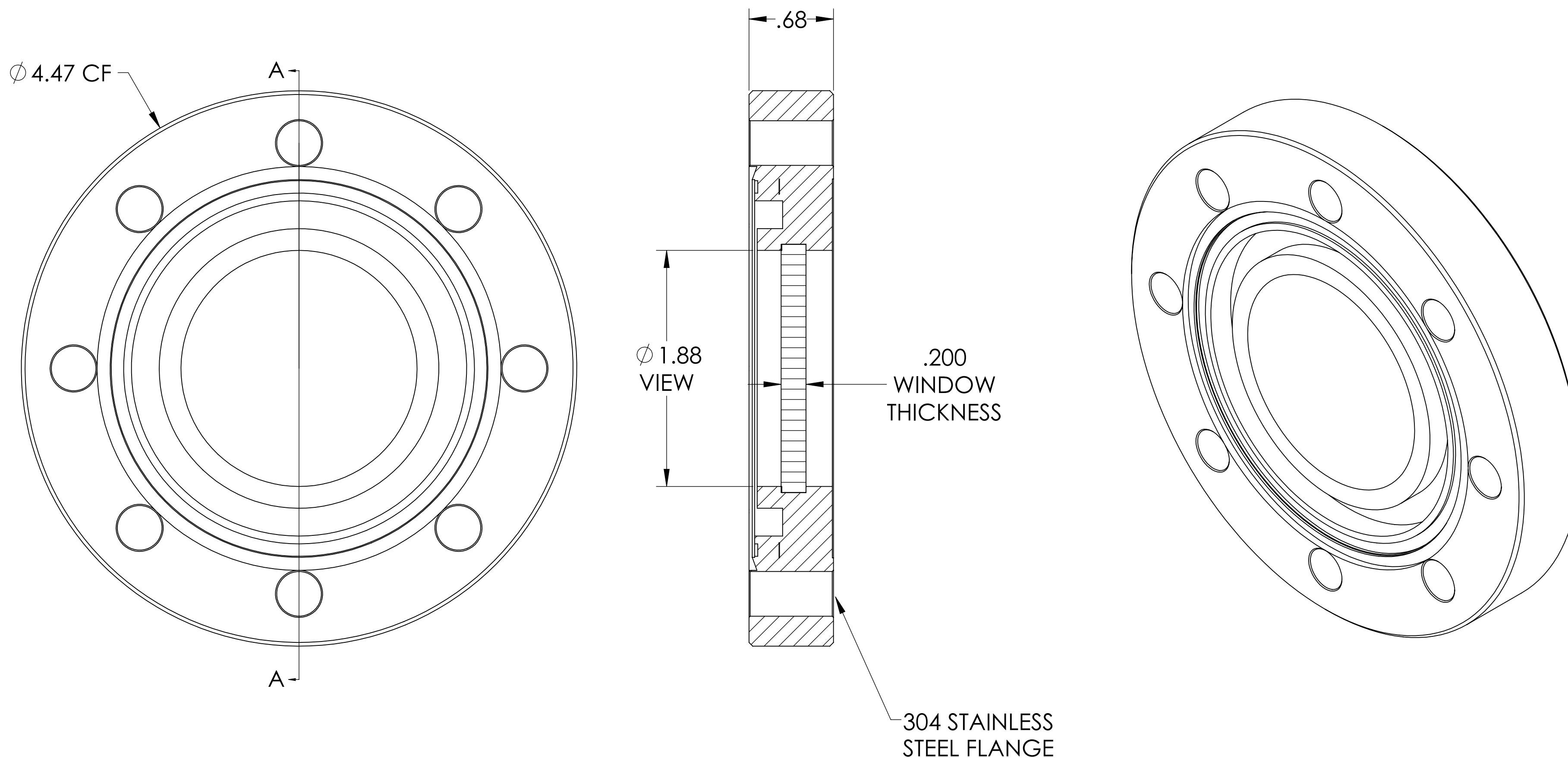


MPF PRODUCTS INC.



SPECIFICATIONS:

1. MATERIAL: CRYSTAL QUARTZ (Z-CUT)
2. TWD < 1λ @ 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 < 1×10^{-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:		NAME	DATE	MPF PRODUCTS INC.	
ANGULAR: MACH $\pm 1/2^{\circ}$		DRAWN	9/11/2015		
TWO PLACE DECIMAL $\pm .030$		CHECKED	9/11/2015		
THREE PLACE DECIMAL $\pm .015$		ENG APPR.	9/11/2015		
MATERIAL		THIRD ANGLE:		VIEWPORT, SiO ₂ VACUUM OPTICS, 2" VIEW, 450CF	
FINISH		APPLICATION			
PLATING		NEXT ASSY USED ON			
SURFACE FINISH:		SURFACE FINISH: $\sqrt{63}$ OR BETTER		DOWNLOADED FROM MPFPI.COM	
UNLESS OTHERWISE SPECIFIED:		UNLESS OTHERWISE SPECIFIED:		DWG. NO. A4977-1-CF	
ALL DIAMETERS CONCENTRIC WITHIN .005. REMOVE ALL BURRS AND SHARP EDGES		Friday, October 16, 2020 10:53:46 AM		REV	