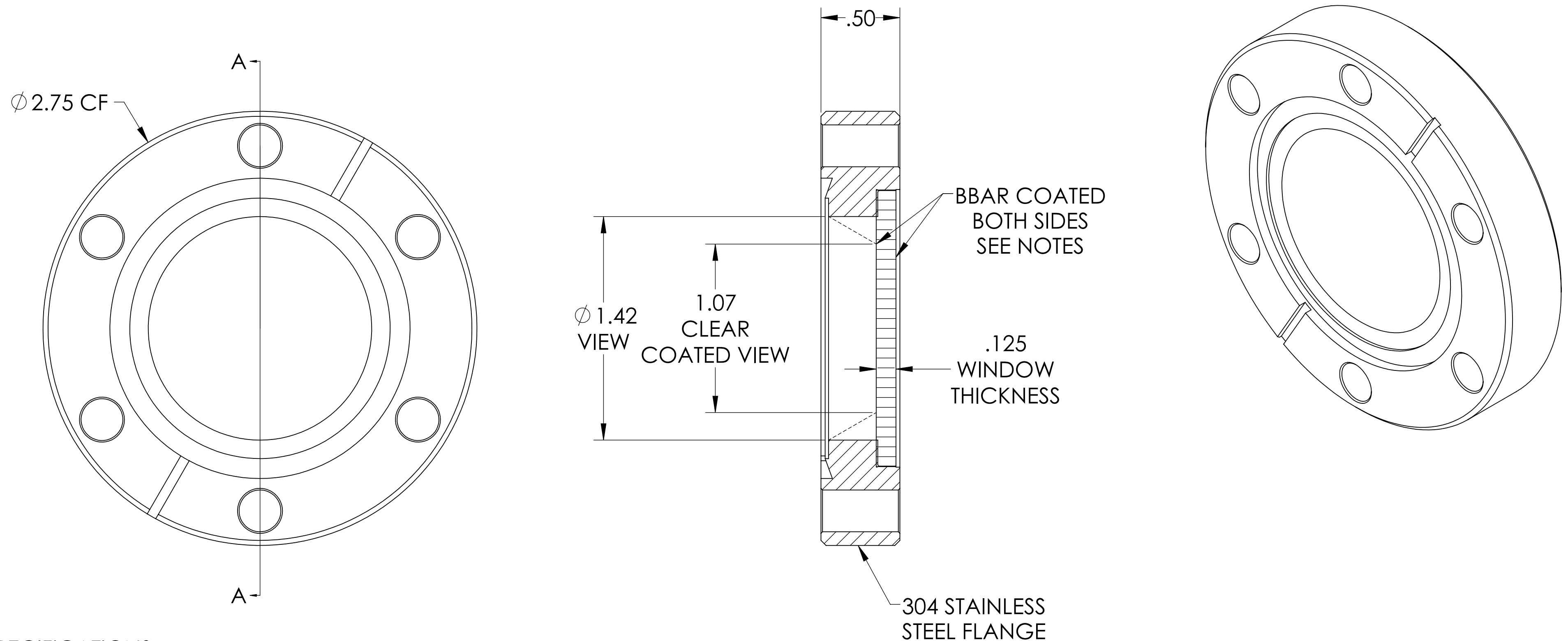


MPF PRODUCTS INC.



SPECIFICATIONS:

1. MATERIAL: CORNING HPFS 7980 FUSED SILICA OR EQUIVALENT
2. TWD <math>< \lambda/4 @ 632\text{nm}</math> (PEAK TO VALLEY)
3. PARALLELISM <math>< 10</math> ARC SECONDS
4. SURFACE FINISH: 20-10 SCRATCH-DIG
5. THERMAL RANGE: -100 °C TO 200 °C
6. HOMOGENEITY GRADE: A
7. INCLUSION CLASS: 0
8. BBR COATED BOTH SIDES AT 350-450NM
9. Rabs <math>< 0.25\%</math> PER SURFACE AT 355NM
10. Rabs <math>< 0.25\%</math> PER SURFACE AT 369NM
11. Rabs <math>< 0.25\%</math> PER SURFACE AT 375NM
12. Rabs <math>< 0.25\%</math> PER SURFACE AT 435NM
13. Rabs <math>< 1.50\%</math> PER SURFACE AT 532NM
14. Rabs <math>< 3.00\%</math> PER SURFACE AT 638NM
15. Rabs <math>< 0.25\%</math> PER SURFACE AT 935NM
16. LEAK RATE <math>< 1 \times 10^{-9}</math> ATM-CC/SEC HE

Laser Grade Fused Silica Viewport, BBR Coated @ 461nm, 1.42" View Dia, 2.75" Conflat Flange

UNLESS OTHERWISE SPECIFIED:	QUOTATION #	N/A	
DIMENSIONS ARE IN INCHES TOLERANCES:	DRAWN	NAME	DATE
ANGULAR: MACH $\pm 1/2^\circ$	WJ	WJ	9/11/2015
TWO PLACE DECIMAL $\pm .030$	CHECKED		9/11/2015
THREE PLACE DECIMAL $\pm .015$	ENG APPR.	WJ	9/11/2015
MATERIAL	THIRD ANGLE:		
FINISH	APPLICATION		
PLATING	NEXT ASSY USED ON		
	SURFACE FINISH: $\sqrt{63}$ OR BETTER		
	UNLESS OTHERWISE SPECIFIED:		
	ALL DIAMETERS CONCENTRIC WITHIN .005. REMOVE ALL BURRS AND SHARP EDGES		
	TITLE:		
	VIEWPORT, FUSED SILICA, LASER GRADE, BBR COATED 350-450nm, 1.4" VIEW, 275 CF		
	DWG. NO.		
	A24007-1-CF		
	REV		
	DOWNLOADED FROM MPFPI.COM		
	Thursday, December 11, 2025 8:53:55 AM		