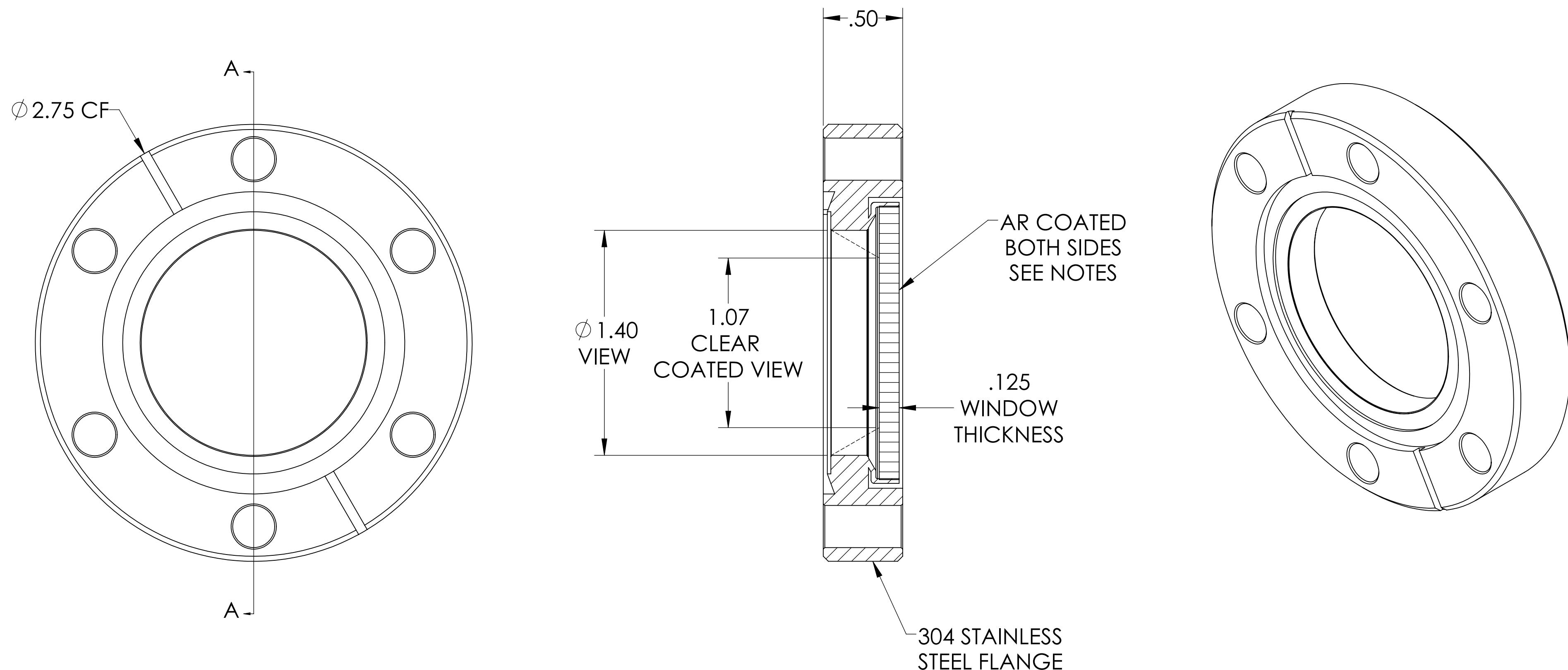


MPF PRODUCTS INC.



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. AR COAT BOTH SIDES 780NM, R <math>< 0.25\%</math> PER SURFACE
9. LASER DAMAGE THRESHOLD: 10 J/CM² FOR 10 NS PULSE
10. LEAK RATE <math>< 1 \times 10^{-9}</math> ATM-CC/SEC HE

Laser Grade Fused Silica Viewport w/ AR Coating for 780nm, 1.40" View Dia, 2.75" Conflat Flange

UNLESS OTHERWISE SPECIFIED:	QUOTATION #		N/A
DIMENSIONS ARE IN INCHES TOLERANCES:	DRAWN	NAME	DATE
ANGULAR: MACH $\pm 1/2^\circ$ TWO PLACE DECIMAL $\pm .030$ THREE PLACE DECIMAL $\pm .015$	WJ	WJ	9/11/2015
MATERIAL	CHECKED	WJ	9/11/2015
	ENG APPR.	WJ	9/11/2015
FINISH	THIRD ANGLE:		
PLATING	APPLICATION		
	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:		MPF PRODUCTS INC.
	VIEWPORT, FUSED SILICA, LASER GRADE, AR COATING 780nm, 1.4" VIEW, 275CF		
	DWG. NO.		A4546-1-CF
	REV		
	DOWNLOADED FROM MPFPI.COM		
	Wednesday, October 14, 2020 11:08:28 AM		