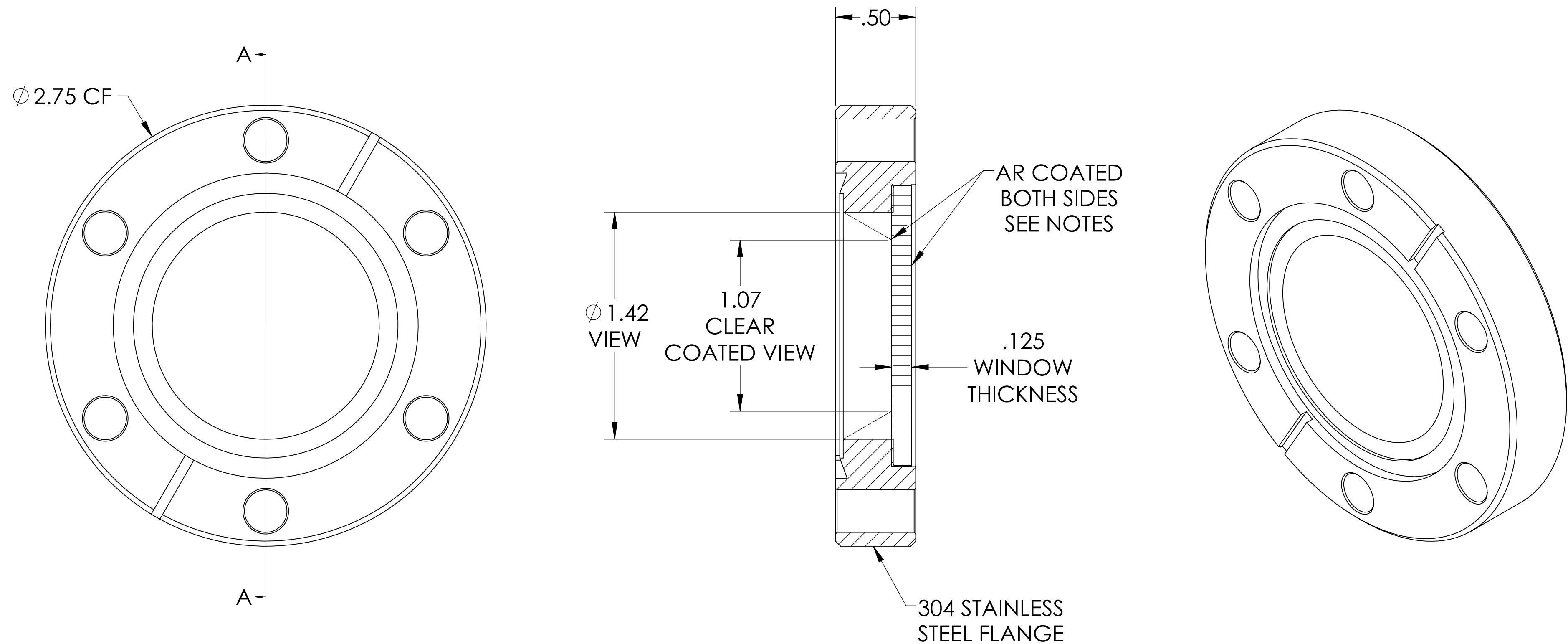


MPF PRODUCTS INC.



SPECIFICATIONS:

1. MATERIAL: CORNING HPFS 7980 SILICA OR EQUIVALENT
2. TWD < $\lambda/4$ @ 632NM (PEAK TO VALLEY)
3. SURFACE FINISH: 20/10 SCRATCH-DIG
4. PARALLELISM < 10 ARC SECONDS
5. THERMAL RANGE: -100°C TO 200°C
6. HOMOGENEITY GRADE: A
7. INCLUSION CLASS: 0
8. BBAR COAT BOTH SIDES 550-1100nm, $R_{avg.} < 0.75\%$ PER SURFACE
9. LASER DAMAGE THRESHOLD: 1 J/CM² FOR 10 NS PULSE
10. LEAK RATE < 1 X 10⁻⁹ ATM-CC/SEC HE

Laser Grade Fused Silica Viewport w/ Broadband AR Coating for 550-1100nm, 1.40" View Dia, 2.75" Conflat Flange

UNLESS OTHERWISE SPECIFIED:		QUOTATION #		N/A	
DIMENSIONS ARE IN INCHES TOLERANCES:		DRAWN	WJ	DATE	9/11/2015
ANGULAR: MACH $\pm 1/2^\circ$		CHECKED		9/11/2015	
TWO PLACE DECIMAL $\pm .030$		ENG APPR.	WJ	9/11/2015	
THREE PLACE DECIMAL $\pm .015$		THIRD ANGLE:			
MATERIAL					
		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			
		TITLE:		VIEWPORT, FUSED SILICA, LASER GRADE, BBAR COATING 550- 1100nm, 1.4" VIEW, 275CF	
		DWG. NO.		A8004-1-CF	
		REV			
		DOWNLOADED FROM MPFPI.COM			
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