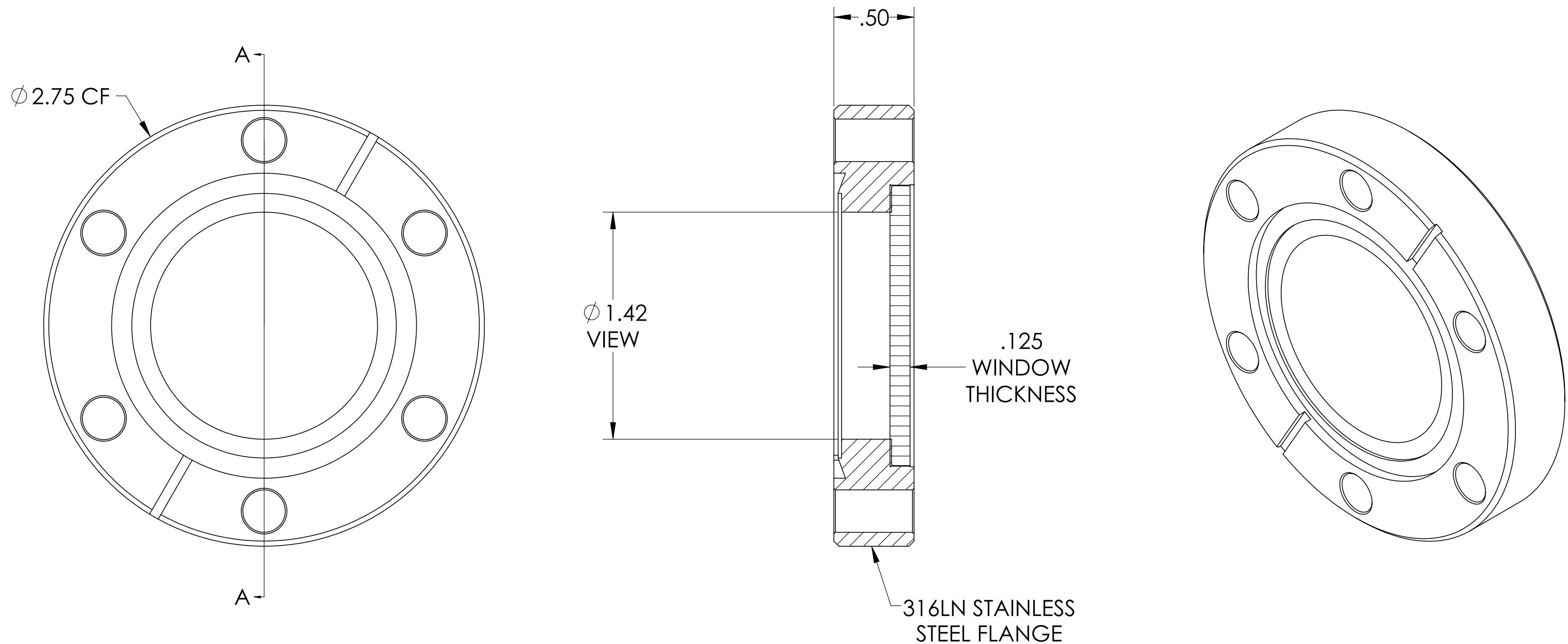


## MPF PRODUCTS INC.



## SPECIFICATIONS:

1. MATERIAL: CORNING HPFS 7980 EXCIMER GRADE 193 FUSED SILICA
2. TWD <math>< \lambda/4 @ 632\text{NM}</math> (PEAK TO VALLEY)
3. SURFACE FINISH: 20/10 SCRATCH-DIG
4. PARALLELISM <math>< 10</math> ARC SECONDS
5. THERMAL RANGE: -100 °C TO 200 °C
6. TRANSMISSION > 99.5% @ 193nm (INTERNAL)
7. HOMOGENEITY GRADE: A
8. INCLUSION CLASS: 0
9. MAGNETIC PERMEABILITY ( $\mu$ ) <math>< 1.01</math>
10. LEAK RATE <math>< 1 \times 10^{-9}</math> ATM-CC/SEC HE

EUV Laser Grade Fused Silica Viewport, Non-Magnetic, 1.40" View Dia, 2.75" Conflat Flange (316LN)

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	<table border="1"> <tr> <td>NEXT ASSY</td> <td>USED ON</td> </tr> <tr> <td></td> <td></td> </tr> </table>		NEXT ASSY	USED ON		
NEXT ASSY	USED ON						
PLATING	SURFACE FINISH:	63 OR BETTER					
	UNLESS OTHERWISE SPECIFIED:	ALL DIAMETERS CONCENTRIC WITHIN .005. REMOVE ALL BURRS AND SHARP EDGES					
	TITLE:	VIEWPORT, FUSED SILICA, EUV LASER GRADE, NON- MAGNETIC, 1.4" VIEW, 275CF					
	DOWNLOADED FROM MPFPI.COM						
	DWG. NO.	A7981-3-CF	REV				
	Friday, January 25, 2019 6:07:05 AM						