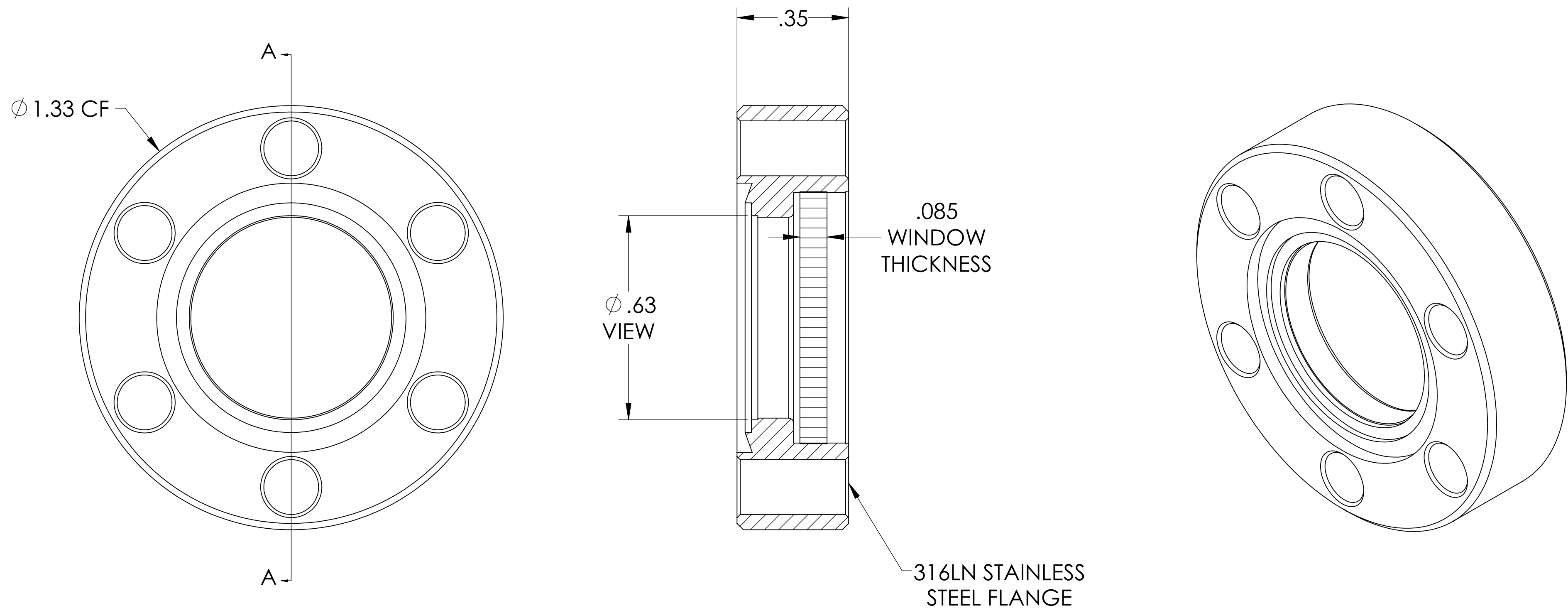


MPF PRODUCTS INC.



SPECIFICATIONS:

1. MATERIAL: CORNING HPFS 7980 EXCIMER GRADE 193 FUSED SILICA
2. TWD <math>< \lambda/4 @ 632\text{nm}</math> (PEAK TO VALLEY)
3. PARALLELISM <math>< 30</math> ARC SECONDS
4. SURFACE FINISH: 20/10 SCRATCH-DIG
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 (μ) <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, Zero Length Profile, 0.63" View Dia, 1.33" 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		
PLATING	NEXT ASSY	USED ON	
	SURFACE FINISH:	63	OR BETTER
	UNLESS OTHERWISE SPECIFIED:	ALL DIAMETERS CONCENTRIC WITHIN .005. REMOVE ALL BURRS AND SHARP EDGES	
	TITLE:	VIEWPORT, FUSED SILICA, NON-MAGNETIC, EUV LASER GRADE, 0.63" VIEW, 133CF	
	DOWNLOADED FROM MPFPI.COM	DWG. NO.	REV
		A7154-3-CF	
	Thursday, January 24, 2019 11:30:06 AM		