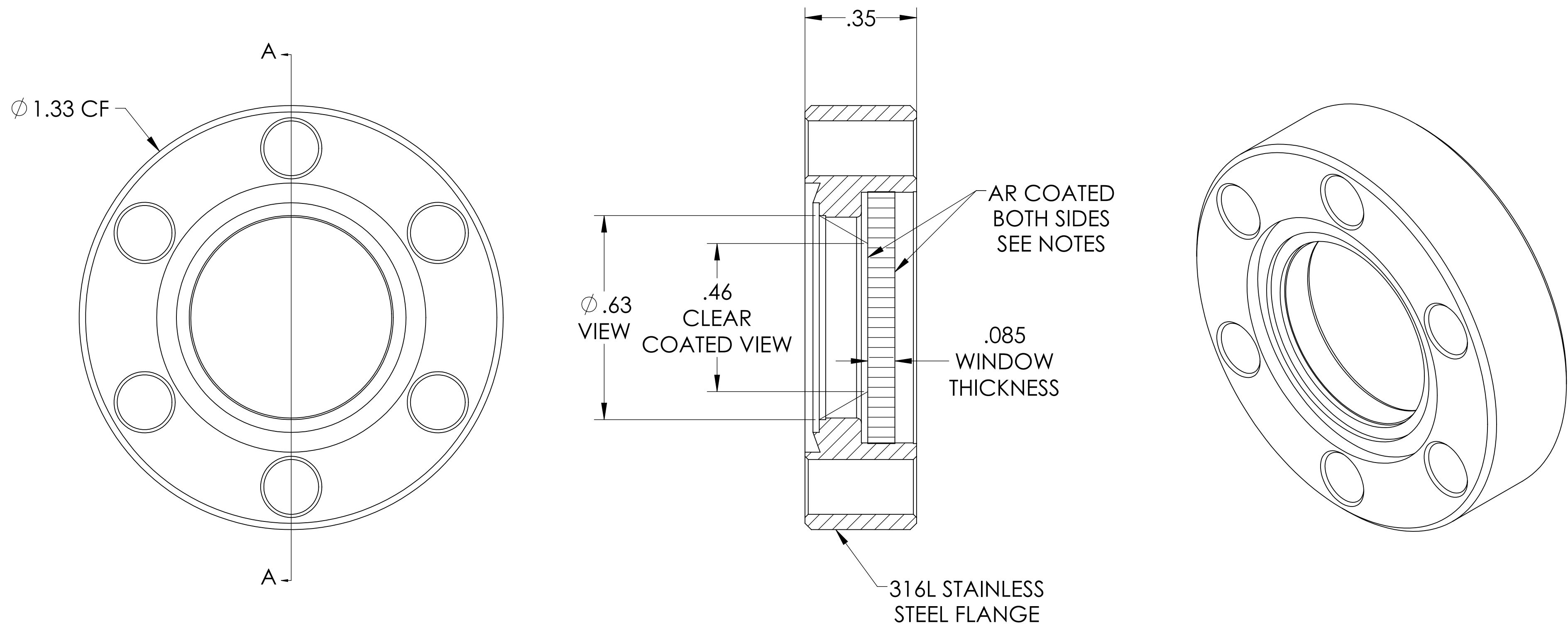


MPF PRODUCTS INC.



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>< 10</math> ARC SECONDS
4. SURFACE FINISH: 20/10 SCRATCH-DIG
5. THERMAL RANGE: -100°C TO 200°C
6. TRANSMISSION > 99.8% @ 193NM (INTERNAL)
7. HOMOGENEITY GRADE: A
8. INCLUSION CLASS: 0
9. AR COATED BOTH SIDES @ 225-450nm, R AVG. <math>< 1.5\%</math> PER SURFACE
10. LASER DAMAGE THRESHOLD: 10 J/CM² FOR 10NS PULSE
11. LEAK RATE <math>< 1 \times 10^{-9}</math> ATM/CC SEC HE

EUV Laser Grade Fused Silica Viewport, BBAR Coated @ 225-450nm, 0.63" View Dia, 1.33" Conflat Flange

UNLESS OTHERWISE SPECIFIED:	QUOTATION #	N/A	
DIMENSIONS ARE IN INCHES TOLERANCES:	DRAWN	NAME	DATE
ANGULAR: MACH ± 1/2°	WJ	WJ	9/11/2015
TWO PLACE DECIMAL ± .030	CHECKED		9/11/2015
THREE PLACE DECIMAL ± .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, EUV LASER GRADE, BBAR COATED 225-450nm, 0.63" VIEW, 133CF		
	DOWNLOADED FROM MPFPI.COM		
	DWG. NO.		REV
	A10767-1-CF		
	Monday, January 28, 2019 10:16:21 AM		