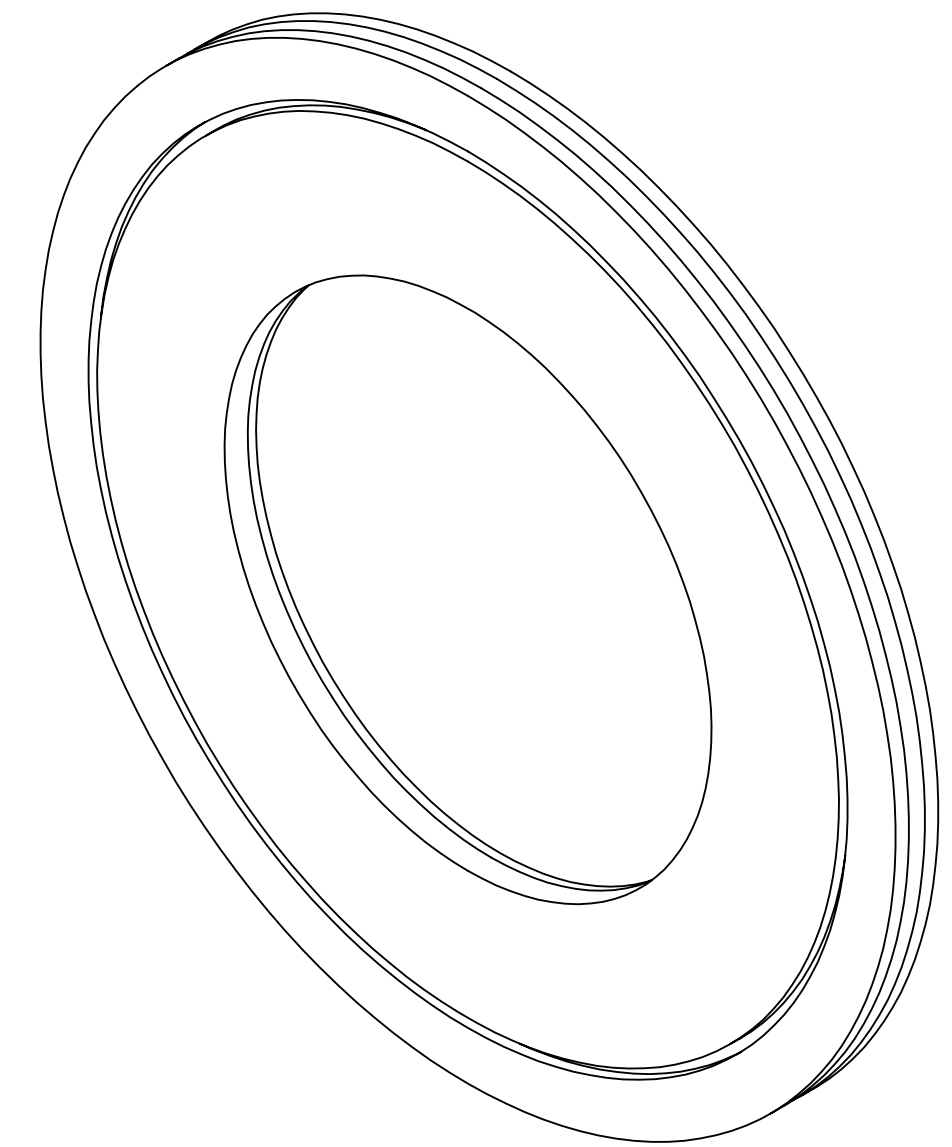
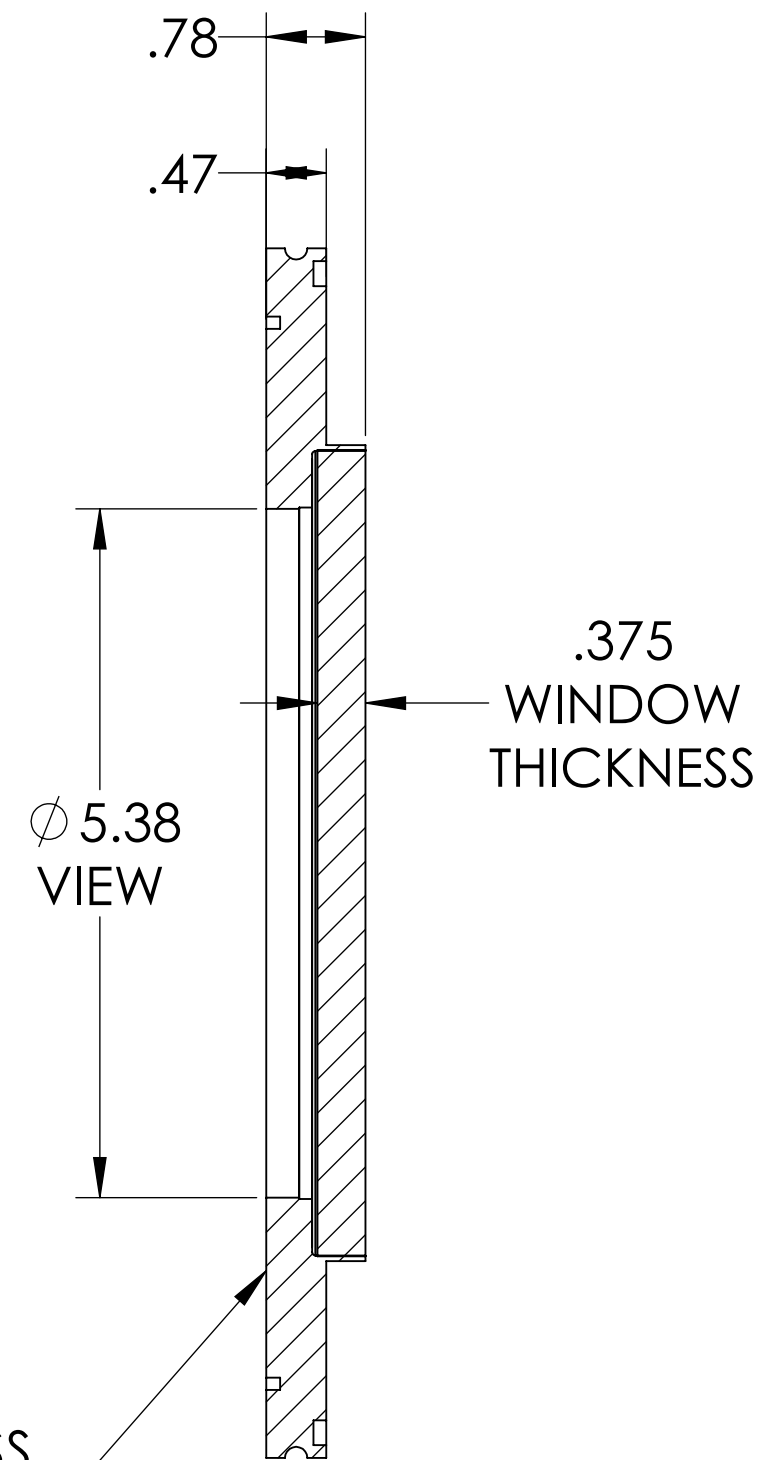
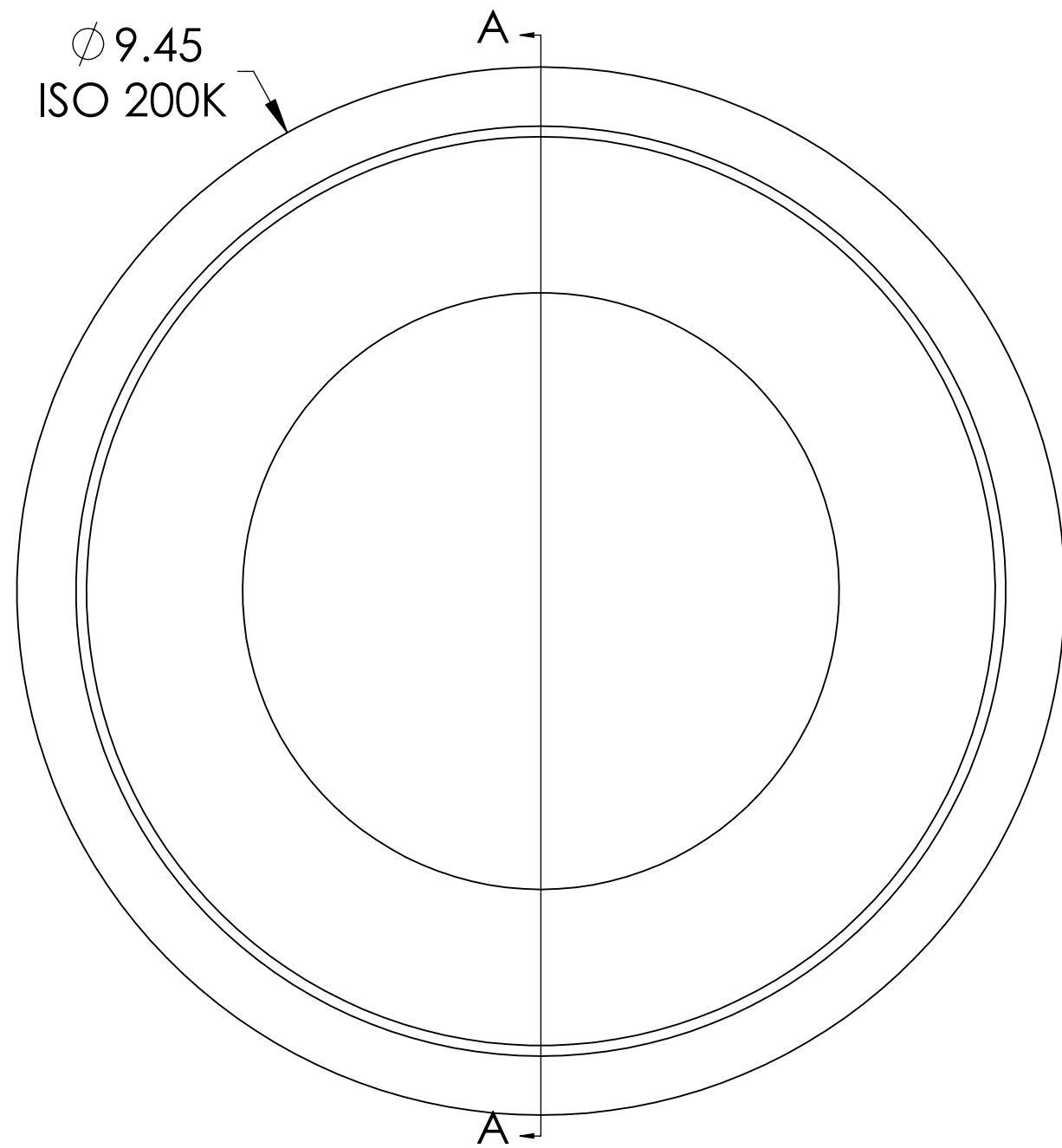


# MPF PRODUCTS INC.



**SPECIFICATIONS:**

1. MATERIAL: CORNING HPFS 7980 EXCIMER GRADE 193 FUSED SILICA
2. TWD <math>< \lambda/4</math> @ 632NM (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 > 99.5% @ 193NM (INTERNAL)
7. HOMOGENEITY GRADE: A
8. INCLUSION CLASS: 0
9. LEAK RATE <math>< 1 \times 10^{-9}</math> ATM-CC/SEC HE

EUV Grade Fused Silica Viewport, 5.38" View Dia, ISO 200K Flange

UNLESS OTHERWISE SPECIFIED:		QUOTATION #		N/A	
DIMENSIONS ARE IN INCHES TOLERANCES:		DRAWN	WJ	DATE	9/11/2015
ANGULAR: MACH ± 1/2°		CHECKED	WJ	DATE	9/11/2015
TWO PLACE DECIMAL ± .030		ENG APPR.	WJ	DATE	9/11/2015
THREE PLACE DECIMAL ± .015		THIRD ANGLE:			
MATERIAL					
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, 5.38" VIEW, ISO 200K	
		DWG. NO.		A4351-3-ISO	
		REV			
		DOWNLOADED FROM MPFPI.COM		Friday, June 21, 2019 8:58:49 AM	