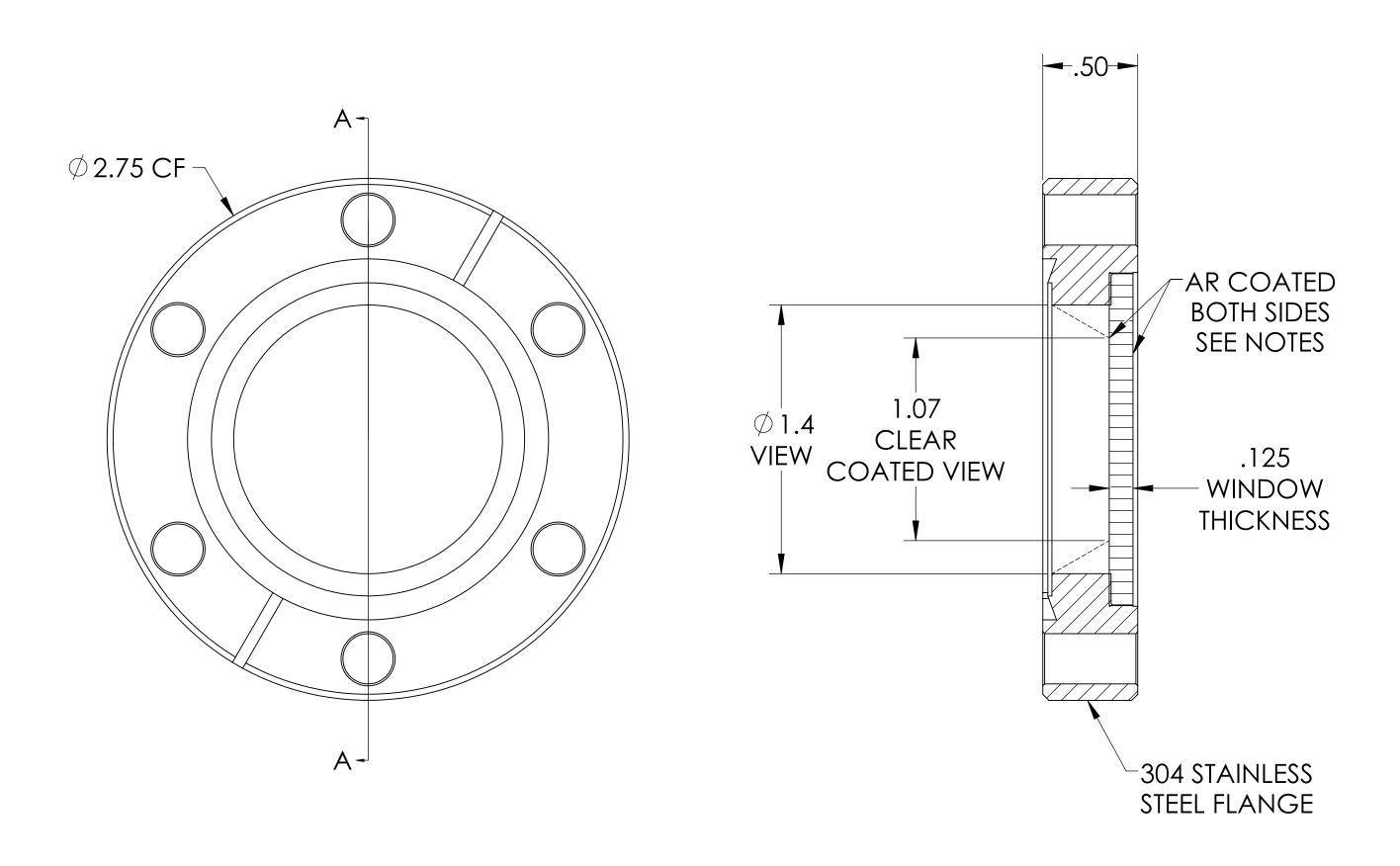
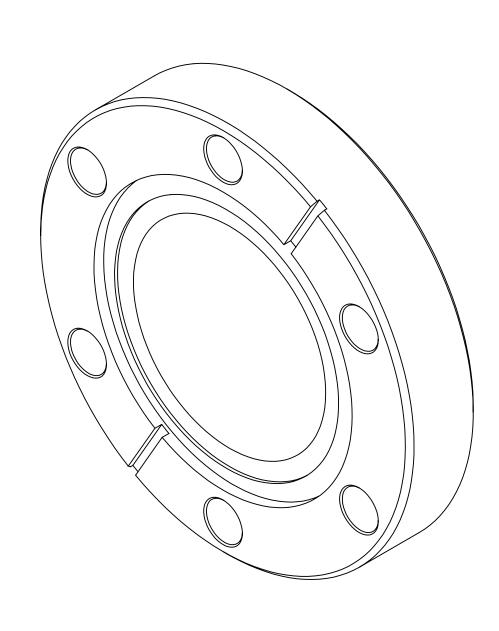
## MPF PRODUCTS INC.





## **SPECIFICATIONS:**

- 1. MATERIAL: CORNING HPFS 7980 EXCIMER GRADE 193 FUSED SILICA
- 2. TWD  $< \lambda/4$  @ 632NM (PEAK TO VALLEY)
- 3. PARALLELISM < 10 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. AR COAT BOTH SIDES 248NM, R < 0.25% PER SURFACE 10.LASER DAMAGE THRESHOLD: 1 J/CM2 FOR 10 NS PULSE
- 11.LEAK RATE < 1 X 10-9 ATM-CC/SEC HE

UNLESS OTHERWISE SPECIFIED: QUOTATION # N/A DIMENSIONS ARE IN INCHES NAME DATE MPF PRODUCTS INC TOLERANCES: DRAWN WJ 9/11/2015 9/11/2015 **TITLE:** CHECKED ANGULAR: MACH ± 1/2°
TWO PLACE DECIMAL ± .030
THREE PLACE DECIMAL ± .015 ENG APPR. WJ 9/11/2015 VIEWPORT, FUSED SILICA, THIRD ANGLE: EUV LASER GRADE, MATERIAL AR COATING 248nm, 1.4" **VIEW**, 275CF NEXT ASSY DOWNLOADED FROM MPFPI.COM URFACE FINISH: DWG. NO. **FINISH** OR BETTER A4547-1-CF UNLESS OTHERWISE SPECIFIED: PLATING ALL DIAMETERS CONCENTRIC WITHIN .00 Wednesday, October 14, 2020 11:08:00 AM SHEET 1 OF 1

EUV Laser Grade Fused Silica Viewport w/ AR Coating for 248nm, 1.40" View Dia, 2.75" Conflat Flange