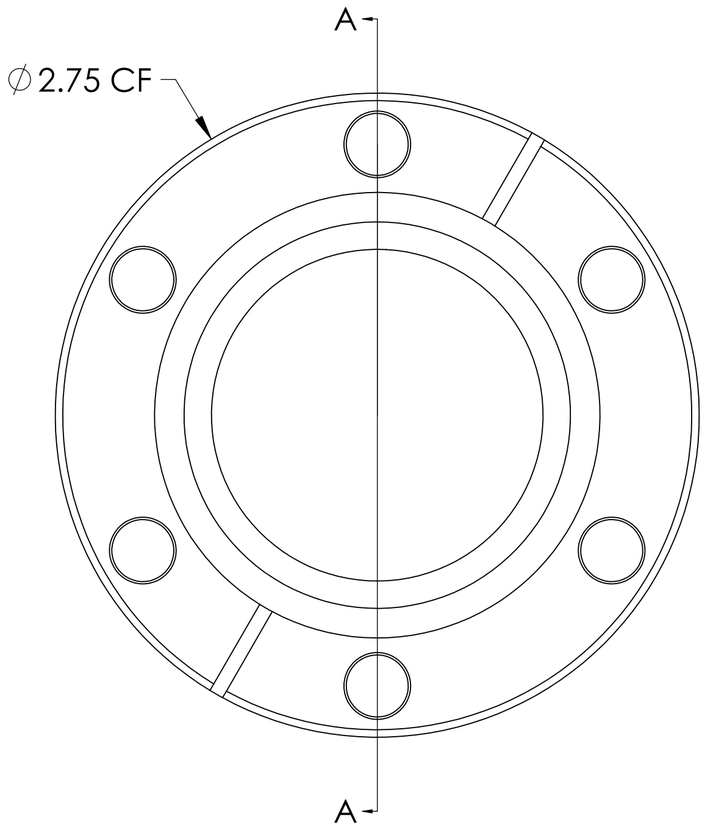
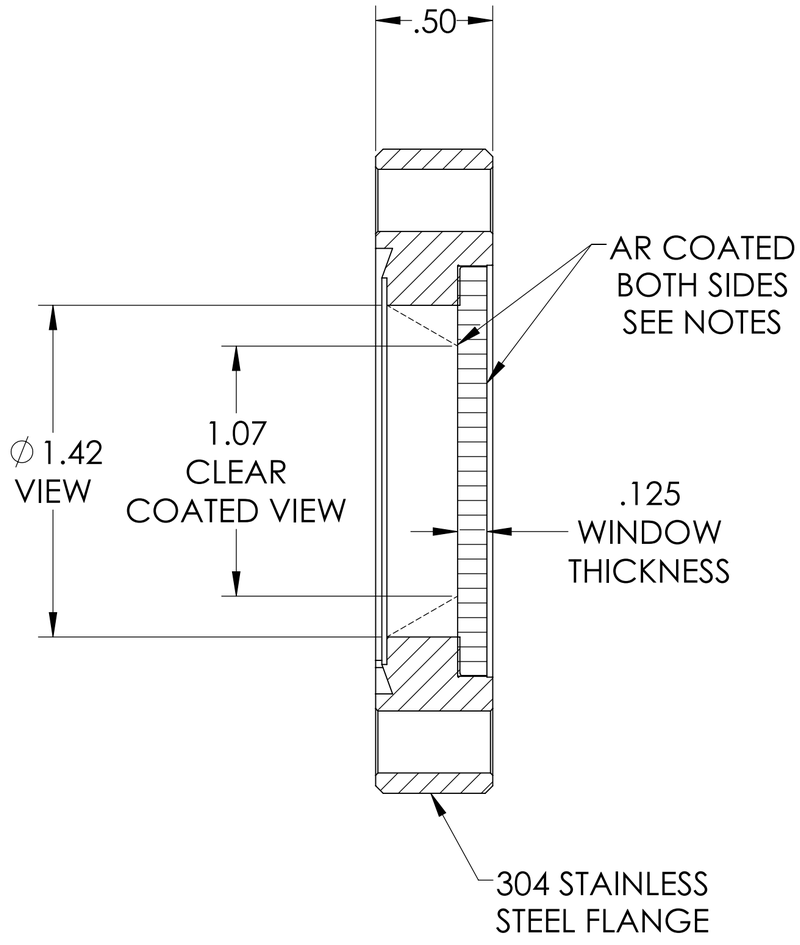
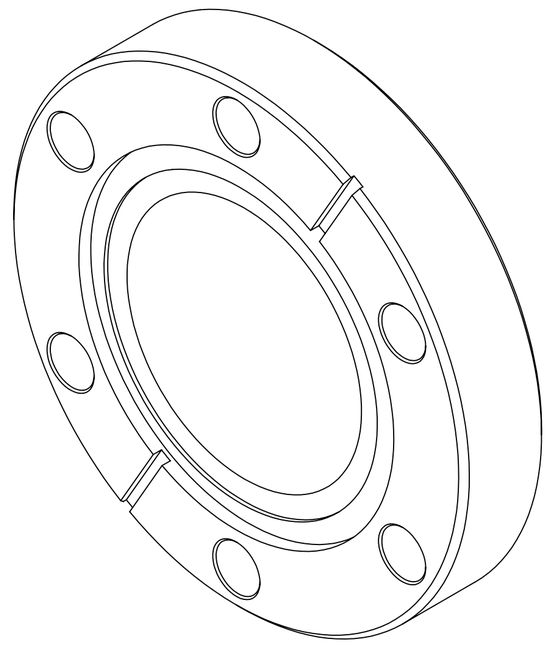
MPF PRODUCTS INC.







SPECIFICATIONS:

1. MATERIAL: CORNING HPFS 7980 FUSED SILICA OR EQUIVALENT
2. TWD < λ/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. HOMOGENEITY GRADE: A
7. INCLUSION CLASS: 0
8. AR COAT BOTH SIDES 1550NM, R < 0.25% PER SURFACE
9. LASER DAMAGE THRESHOLD: 10 J/CM2 FOR 10 NS PULSE
10. LEAK RATE < 1 X 10-9 ATM/CC SEC HE

Laser Grade Fused Silica Viewport, Zero Lenth Profile, AR Coated 1550nm, 1.42" View Dia, 2.75" Conflat Flange

UNLESS OTHERWISE SPECIFIED:	QUOTATION # N/A		
DIMENSIONS ARE IN INCHES TOLERANCES: ANGULAR: MACH ± 1/2˚ TWO PLACE DECIMAL ± .030 THREE PLACE DECIMAL ± .015		NAME	DATE
	DRAWN	WJ	9/11/2015
	CHECKED		9/11/2015
	ENG APPR.	WJ	9/11/2015
	THIRD ANGLE:		
MATERIAL	APPLICATION NEXT ASSY / USED ON		
FINISH	SURFACE FINISH: 63 OR BETTER		
PLATING	UNLESS OTHERWISE SPECIFIED: ALL DIAMETERS CONCENTRIC WITHIN .005. REMOVE ALL BURRS AND SHARP EDGES		

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TITLE:

VIEWPORT, FUSED SILICA, LASER GRADE, AR COATING 1550nm, 1.4 VIEW, 275CF

DOWNLOADED FROM MPFPI.COM

DWG. NO. A12262-1-CF REV

Friday, January 25, 2019 8:02:51 AM

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