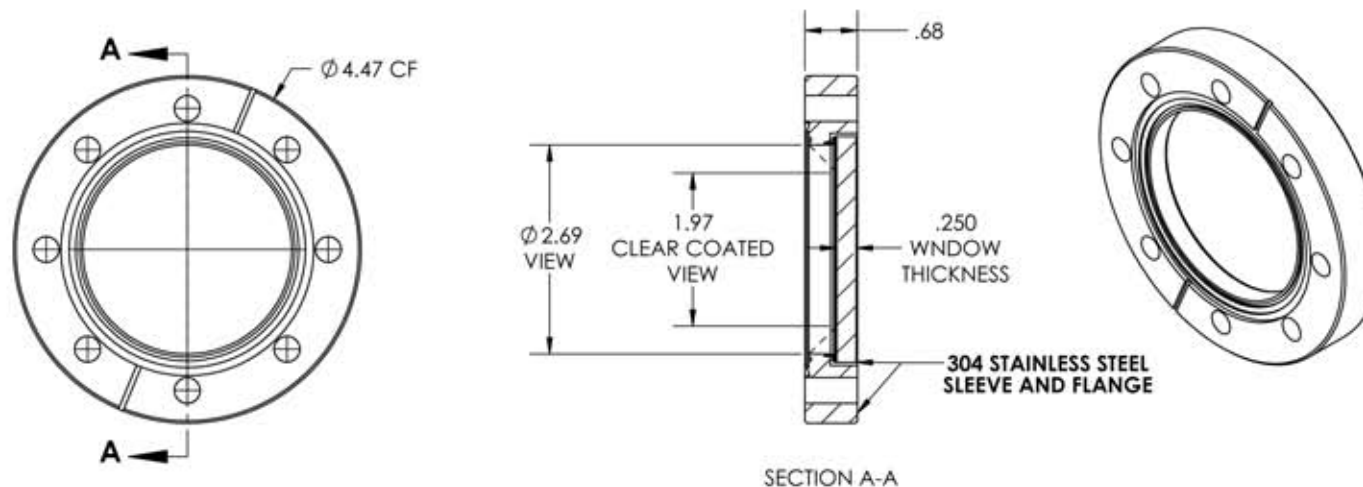


A8001-1-CF

REV
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NOTES:

1. Leak Rate: $<2 \times 10^{-10}$ atm/cc sec He
2. Parallelism: <10 Arc Seconds
3. Flatness: $\lambda/4$ @ 632nm Transmitted Wavefront
4. Surface Finish: 20/10 Scratch-Dig
5. Thermal Range: -100°C To 200°C
6. Material: Corning HPFS 7980 Excimer Grade 248 Fused Silica
7. Transmission: $>99.5\%$ @ 248nm (Internal)
8. Homogeneity Grade: A
9. Inclusion Class: 0
10. BBAR Coat Both Sides 225-450nm, Ravg. $< 1.5\%$ Per Surface
11. Laser Damage Threshold: 1 J/cm² For 10 ns Pulse

DUV Grade (Laser) Fused Silica Viewport w/ Broadband AR Coating for 225-450nm, 2.69" View Dia, 4.50" Conflat Flange

APPROVED

PROPRIETARY AND CONFIDENTIAL

UNLESS OTHERWISE SPECIFIED:

MPF PRODUCTS INC.

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USED ON:

DIMENSIONS ARE IN INCHES
TOLERANCES:

ANGULAR: MACH $\pm 1/2^{\circ}$
TWO PLACE DECIMAL
THREE PLACE DECIMAL



$\pm .030$
 $\pm .015$

FINISH
CONFLAT

DRAWN BY

JB

DATE

CHECKED

ENG. APPR.

JB

TITLE:

VIEWPORT, FUSED SILICA, DUV,
BBAR COATING 225-450nm,
2.7 VIEW, 450CF

SIZE

A

DWG. NO.

A8001-1-CF

REV

10/8/2013

LAST SAVED DATE

Tuesday, October 08, 2013 8:00:43 AM