



**SPECIFICATIONS:**

1. MATERIAL: CORNING HPFS 7980 FUSED SILICA OR EQUIVALENT
2. TWD <math>< \lambda/4 @ 632\text{NM}</math> (PEAK TO VALLEY)
3. WEDGE:  $0.50^\circ \pm 0.10^\circ$
4. SURFACE FINISH: 20/10 SCRATCH-DIG
5. THERMAL RANGE:  $-100^\circ\text{C}$  TO  $200^\circ\text{C}$
6. HOMOGENEITY GRADE: A
7. INCLUSION CLASS: 0
8. MAGNETIC PERMEABILITY ( $\mu$ ) <math>< 1.01</math>
9. LEAK RATE <math>< 1 \times 10^{-9}</math> ATM-CC/SEC HE

Laser Grade (DUV) Fused Silica Viewport, Non-Magnetic, Zero Length Profile, 1.42" View Dia, 2.75" Conflat Flange (316LN)

UNLESS OTHERWISE SPECIFIED:	QUOTATION #	PDF	APPROVED
DIMENSIONS ARE IN INCHES TOLERANCES:	NAME	DATE	MPF PRODUCTS INC.
ANGULAR: MACH $\pm 1/2^\circ$	DRAWN	2/15/2017	
TWO PLACE DECIMAL $\pm .030$	CHECKED	2/15/2017	
THREE PLACE DECIMAL $\pm .015$	ENG APPR.	2/15/2017	TITLE:
MATERIAL	THIRD ANGLE:		VIEWPORT, FUSED SILICA, 0.5° WEDGE WINDOW, NON-MAGNETIC, 1.42 VIEW 275CF
SEE NOTES	APPLICATION		DOWNLOADED FROM MPFPI.COM
FINISH	SURFACE FINISH:	63 OR BETTER	DWG. NO.
PLATING	UNLESS OTHERWISE SPECIFIED:		A14970-1-CF
	ALL DIAMETERS CONCENTRIC WITHIN .005. REMOVE ALL BURRS AND SHARP EDGES		REV
			Monday, November 30, 2020 3:00:43 PM