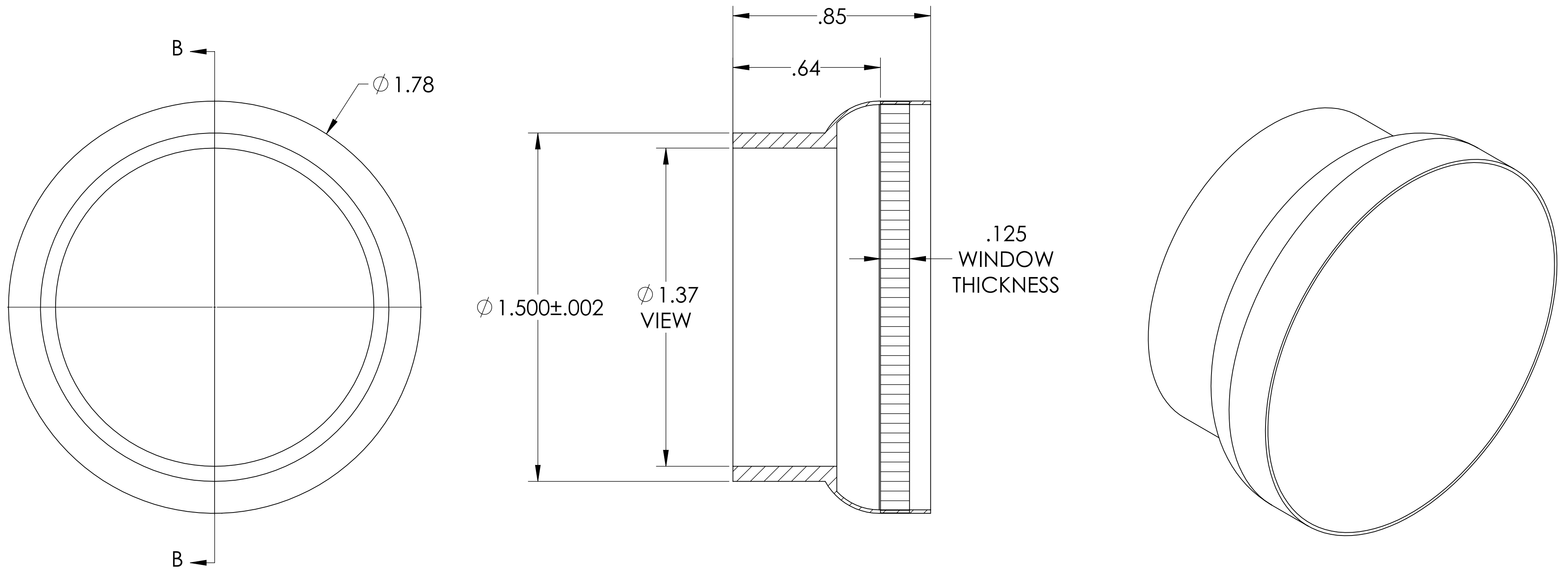


MPF PRODUCTS INC.



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. LEAK RATE < 1X10⁻⁹ ATM CC/SEC HE

EUV Laser Grade Fused Silica Viewport, 1.37" View Dia, 1.50" Dia Stainless Steel Weld Adapter

UNLESS OTHERWISE SPECIFIED:	QUOTATION #	N/A	APPROVED
DIMENSIONS ARE IN INCHES TOLERANCES:	DRAWN	WJ	9/11/2015
ANGULAR: MACH ± 1/2°	CHECKED		9/11/2015
TWO PLACE DECIMAL ± .030	ENG APPR.	WJ	9/11/2015
THREE PLACE DECIMAL ± .015	THIRD ANGLE:		
MATERIAL	APPLICATION		
SEE NOTES	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	
	TITLE:	VIEWPORT, FUSED SILICA, EUV LASER GRADE, 1.4" VIEW, WELD ADAPTER	
	DWG. NO.	A0657-16-W	REV
	DATE:	Thursday, January 24, 2019 10:59:44 AM	