

NOTES:

1. SUBSTRATE:  
UV Fused Silica
2. PARALLELISM: <30 ARCSEC
3. COATING:

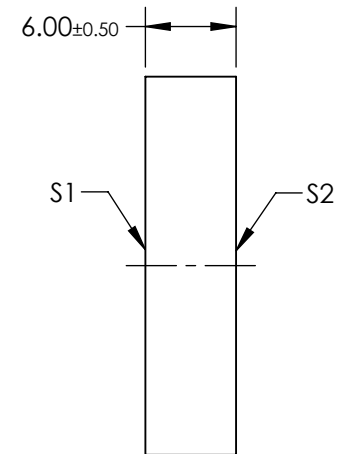
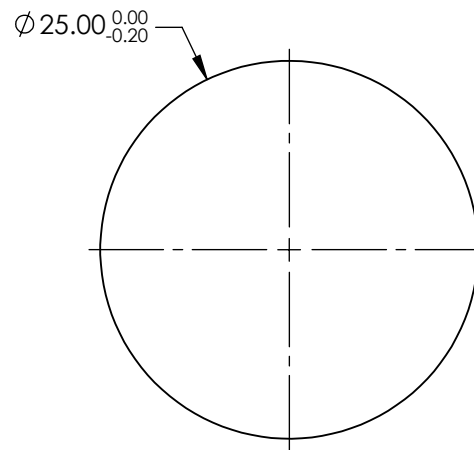
S1: VARIABLE REFLECTIVITY

$$R_r = R_0 * \exp[-2(\frac{r}{w_m})^k]$$

S2: R < 0.25% @ 1064nm

4. ROHS: COMPLIANT

**FOR INFORMATION ONLY:  
DO NOT MANUFACTURE  
PARTS TO THIS DRAWING**



COATING EQUATION VALUES	
R <sub>0</sub> (%)	15
r (mm)	DISTANCE FROM CENTER
w <sub>m</sub> (mm)	2
k	2
GAUSSIAN REFLECTIVITY MIRROR 15%	
RADIUS FROM CENTER(mm)	ESTIMATED REFLECTIVITY (%)
0.1	14.9
0.5	13.5
1	9.1
1.5	4.9
2	2.0
2.1	1.7

	S1	S2
SHAPE	PLANO	PLANO
SURFACE QUALITY	20-10	20-10
CLEAR APERTURE	>90	>90
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE  
DIMENSIONS ARE FOR REFERENCE ONLY

**EO<sup>®</sup> Edmund Optics<sup>®</sup>**



THIRD ANGLE  
PROJECTION

TITLE

Ø25mm GAUSSIAN REFLECTIVITY MIRROR 15%

ALL DIMS IN

mm

DWG NO

37909

SHEET  
1 OF 1