

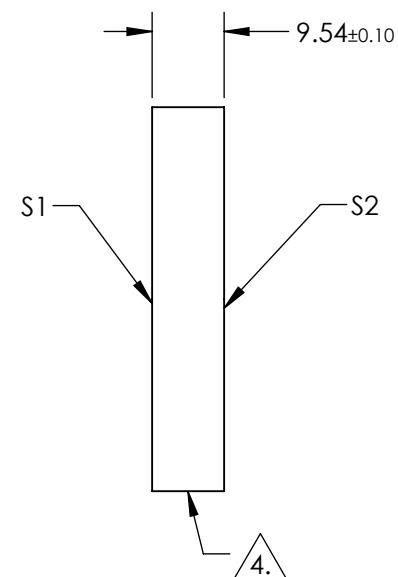
1. SUBSTRATE:  
FUSED SILICA

3. COATING (APPLY ACROSS CLEAR APERTURE)  
S1: R(abs) S & P > 99.80% @ 800nm @ 0-45° AOI

4. FINE GRIND SURFACE

## 5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE

Technical drawing of a circle. A dimension line with an arrow points to the circumference, labeled with the diameter symbol  $\phi$  and the value 50.80, with tolerances 0.00 and -0.10.



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

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE  
DIMENSIONS ARE FOR REFERENCE ONLY

|                  |                     |                     |
|------------------|---------------------|---------------------|
|                  | S1                  | S2                  |
| SHAPE            | PLANO               | PLANO               |
| SURFACE QUALITY  | 10 - 5              | COMMERCIAL POLISH   |
| SURFACE FLATNESS | $\lambda/10$        | N/A                 |
| CLEAR APERTURE   | $\varnothing 45.72$ | N/A                 |
| COATING APERTURE | $\varnothing 45.72$ | N/A                 |
| BEVEL            | PROTECTED AS NEEDED | PROTECTED AS NEEDED |



ALL DIMS IN mm

 Edmund Optics®

TITLE

50.8mm Dia., 9.54mm Thick, Fused Silica  
800nm Ti:Sapphire Mirror, 0-45 Deg AOI

DWG NO

28994

SHEET  
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