

NOTES:

1. SUBSTRATE MATERIAL:  
N-BK7

2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN  $\leq 3\text{ARCMIN}$

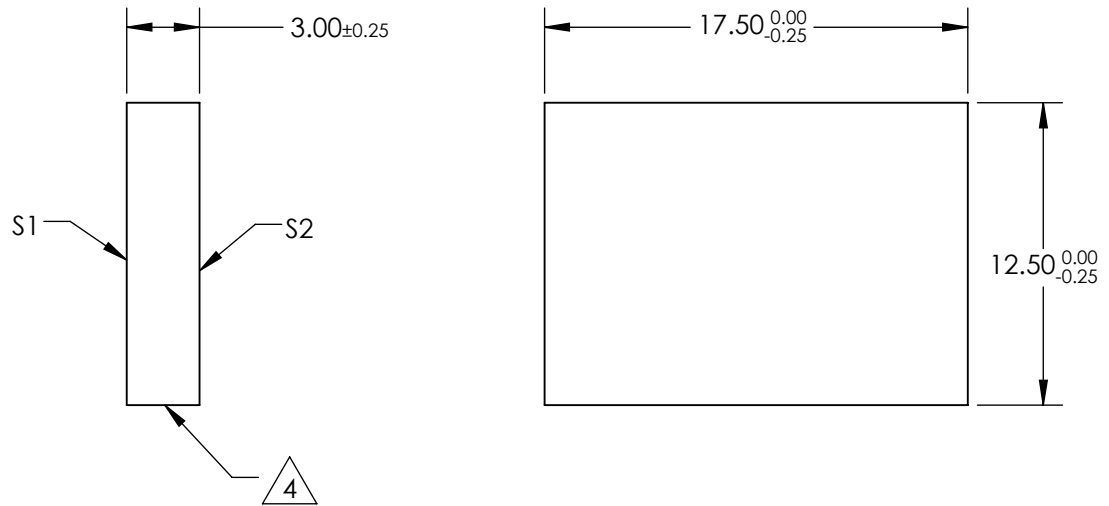
3. COATING (APPLY ACROSS CLEAR APERTURE)

S1: 60% R  $\pm 5\%$  @ 550nm  
40% T  $\pm 5\%$  @ 550nm

S2: AR R(avg)  $\leq 1\%$ , R(abs)  $\leq 2\%$  @ 700 - 1100nm

4. FINE GROUND SURFACE

5. ROHS COMPLIANT

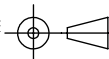


**FOR INFORMATION ONLY:  
DO NOT MANUFACTURE  
PARTS TO THIS DRAWING**

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE  
DIMENSIONS ARE FOR REFERENCE ONLY

| REV. A             | S1          | S2          |
|--------------------|-------------|-------------|
| SHAPE              | PLANO       | PLANO       |
| ANGLE OF INCIDENCE | 45°         | 45°         |
| SURFACE QUALITY    | 60-40       | 60-40       |
| SURFACE FLATNESS   | 1λ PER 25mm | 1λ PER 25mm |

THIRD ANGLE  
PROJECTION



ALL DIMS IN

mm

**EO**® Edmund Optics®

TITLE

12.5 x 17.5mm, 40 R/60 T, PLATE BEAMSPLITTER

DWG NO

68402

SHEET  
1 OF 1