

## NOTES:

1. SUBSTRATE:

N-BK7

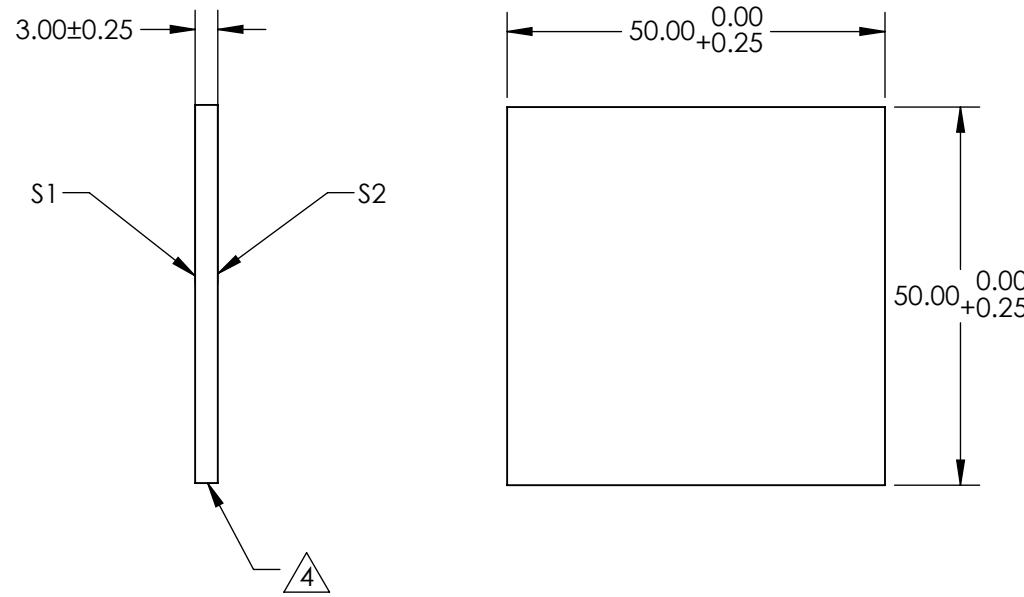
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN  $\leq 3$  ARCMIN

3. COATING (APPLY ACROSS CLEAR APERTURE)

S1: 40% R  $\pm 5\%$  @ 900nm  
60% T  $\pm 5\%$  @ 900nmS2: AR R(avg)  $\leq 1\%$ , R(abs)  $\leq 2\%$  @ 700 - 1100nm

4. CUT WITH 0.25mm MAXIMUM EDGE CHIP

5. ROHS COMPLIANT



**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       |
| ANGLE OF INCIDENCE | 45°         | 45°         |
| SURFACE QUALITY    | 60 - 40     | 60 - 40     |
| SURFACE FLATNESS   | 1λ PER 25mm | 1λ PER 25mm |

|                        |    |        |   |
|------------------------|----|--------|---|
| THIRD ANGLE PROJECTION |    | TITLE  | 50 x 50mm 40R/60T, NIR Plate Beamsplitter |
| ALL DIMS IN            | mm | DWG NO | 68394                                     |



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