

NOTES:

- 1. SUBSTRATE:  
ZERODUR
- 2. S2 TO BE PARALLEL TO S1 TO WITHIN <30 ARCSEC
- 3. COATING (APPLY ACROSS CLEAR APERTURE)  
S1: Protected Gold (700-10000nm)  
Ravg >96% @ 700 - 2000nm  
Ravg >96% @ 2000 - 10,000nm  
S2: NONE

4. FINE GRIND SURFACE

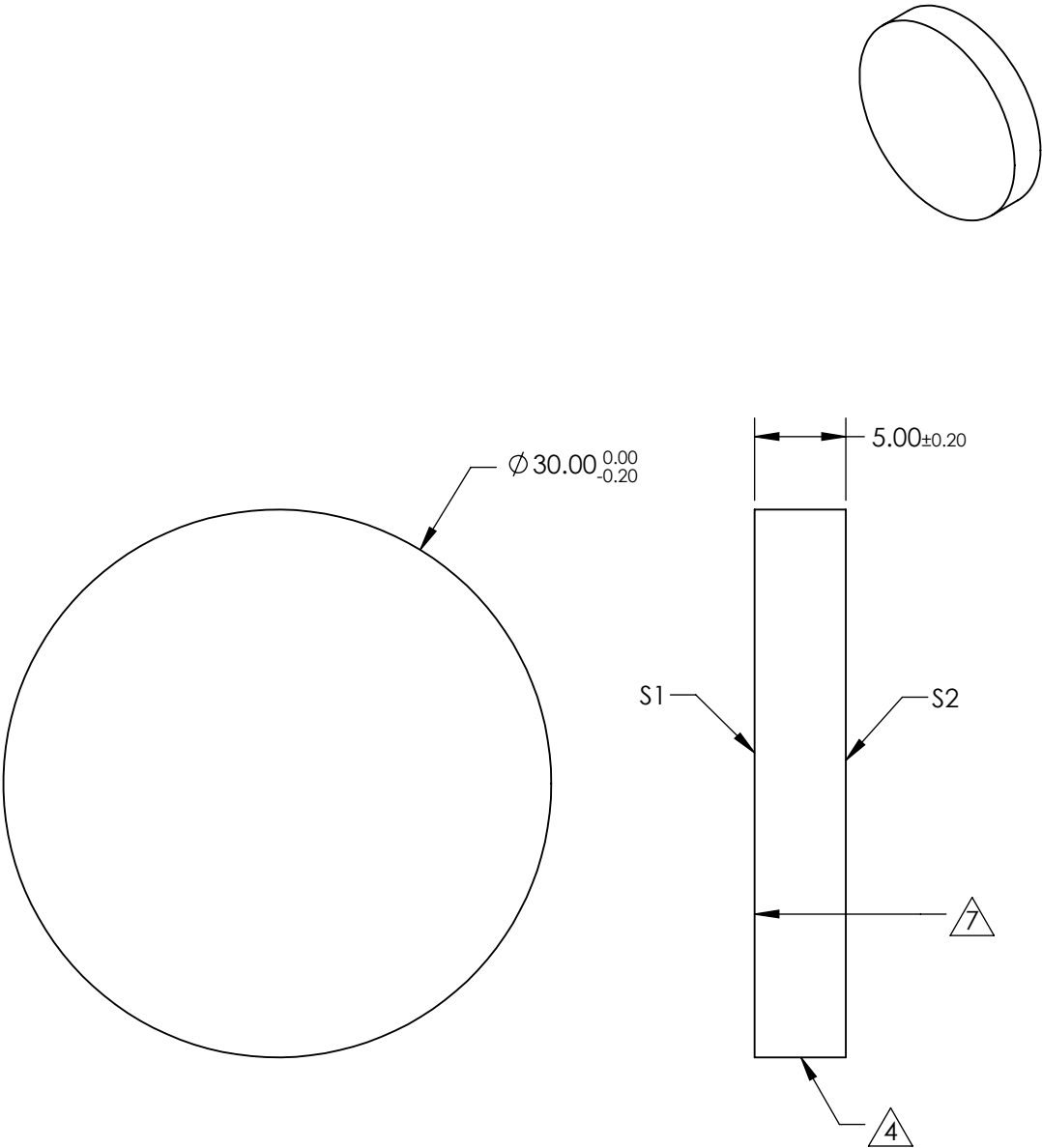
- 5. CLEAR APERTURE AND COATING APERTURE ARE CENTERED ON SURFACE.
- 6. SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE

7. ARROW ON EDGE POINTS TOWARDS 1/10TH WAVE SURFACE S1


- 8. COEFFICIENT OF THERMAL EXPANSION CTE (10^-6/°C): 0.1
- 9. ROHS COMPLIANT

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

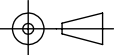
SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE  
DIMENSIONS ARE FOR REFERENCE ONLY



	S1	S2
SHAPE	PLANO	PLANO
SURFACE QUALITY	20 - 10	COMMERCIAL POLISH
SURFACE FLATNESS	$\lambda/10$	N/A
CLEAR APERTURE	$\varnothing 27.00$	N/A
COATING APERTURE	$\varnothing 27.00$	N/A
BEVEL	PROTECTED AS NEEDED	PROTECTED AS NEEDED

**Edmund Optics®**

THIRD ANGLE  
PROJECTION



TITLE

30mm Dia. Protected Gold Coated,  $\lambda/10$   
ZERODUR® Mirror

ALL DIMS IN

mm

DWG NO

17760

SHEET  
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