

NOTES:

- 1. SUBSTRATE:  
ZERODUR
- 2. S2 TO BE PARALLEL TO S1 TO WITHIN <30 ARCSEC
- 3. COATING (APPLY ACROSS CLEAR APERTURE)  
S1: Enhanced Aluminum (250-700nm)  
Ravg >89% @ 250 - 450nm  
Ravg >85% @ 250 - 700nm  
S2: NONE

4. FINE GRIND SURFACE

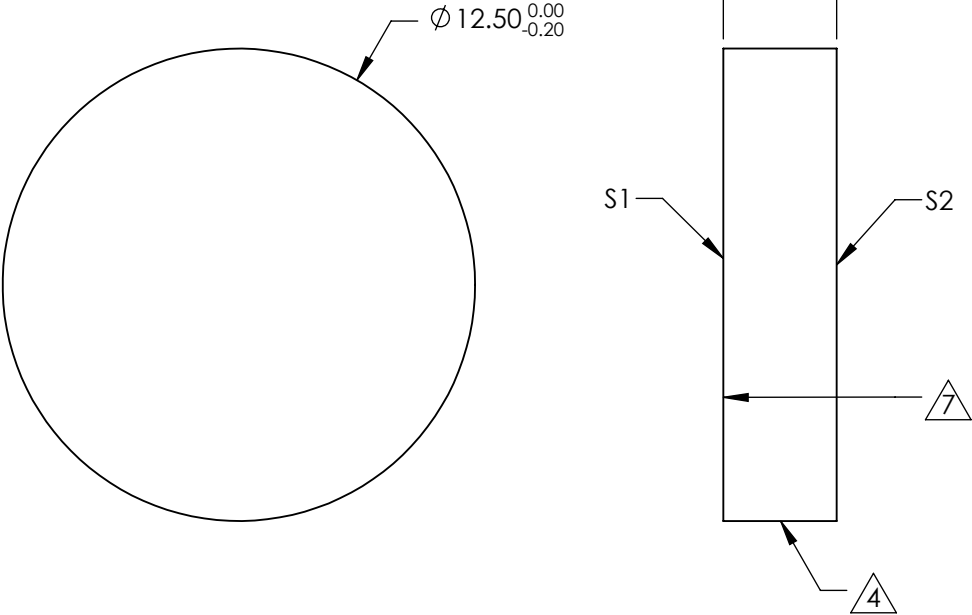
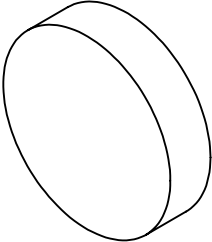
- 5. CLEAR APERTURE AND COATING APERTURE ARE CENTERED ON SURFACE.
- 6. SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE

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**

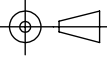
SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE  
DIMENSIONS ARE FOR REFERENCE ONLY



	S1	S2
SHAPE	PLANO	PLANO
SURFACE QUALITY	20 - 10	COMMERCIAL POLISH
SURFACE FLATNESS	$\lambda/10$	N/A
CLEAR APERTURE	$\varnothing 11.25$	N/A
COATING APERTURE	$\varnothing 11.25$	N/A
BEVEL	PROTECTED AS NEEDED	PROTECTED AS NEEDED

 Edmund Optics®

THIRD ANGLE  
PROJECTION



TITLE

12.5mm Dia. UV-Enhanced Aluminum  
Coated,  $\lambda/10$  ZERODUR® Mirror

ALL DIMS IN

mm

DWG NO

17733

SHEET  
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