

NOTES:

- 1. SUBSTRATE:
ZERODUR®
- 2. SURFACE S2 TO BE PARALLEL TO SURFACE S1 TO WITHIN 30 ARCSEC
- 3. COATING (APPLY ACROSS CLEAR APERTURE)
S1: R(abs) > 99.80% @ 1030nm @ 45° AOI
R(avg) > 99.5% @ 1020 - 1040nm @ 45° AOI

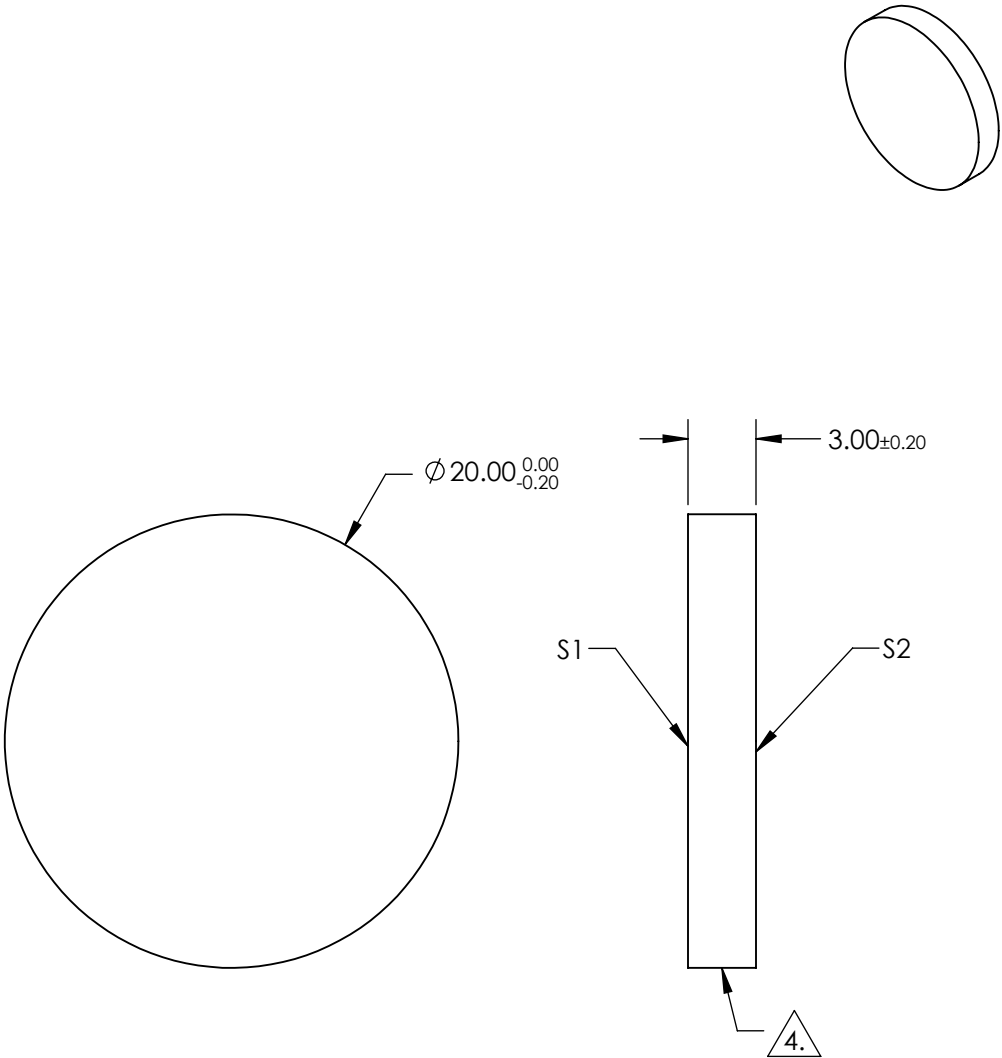
DAMAGE THRESHOLD, BY DESIGN:
20 J/cm² @ 1030nm, 20ns, 20Hz

S2: NONE

4. FINE GRIND SURFACE

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

FOR INFORMATION ONLY:
DO NOT MANUFACTURE
PARTS TO THIS DRAWING

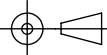


SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2
SHAPE	PLANO	PLANO
SURFACE QUALITY	20-10	COMMERCIAL POLISH
CLEAR APERTURE	Ø 18.00	N/A
COATING APERTURE	Ø 18.00	N/A
BEVEL	PROTECTED AS NEEDED	PROTECTED AS NEEDED

**Edmund Optics®**

THIRD ANGLE
PROJECTION



TITLE

20mm Dia. 1030nm 45°, Yb:YAG Laser Line
Mirror

DWG NO

26896

SHEET
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