

NOTES:

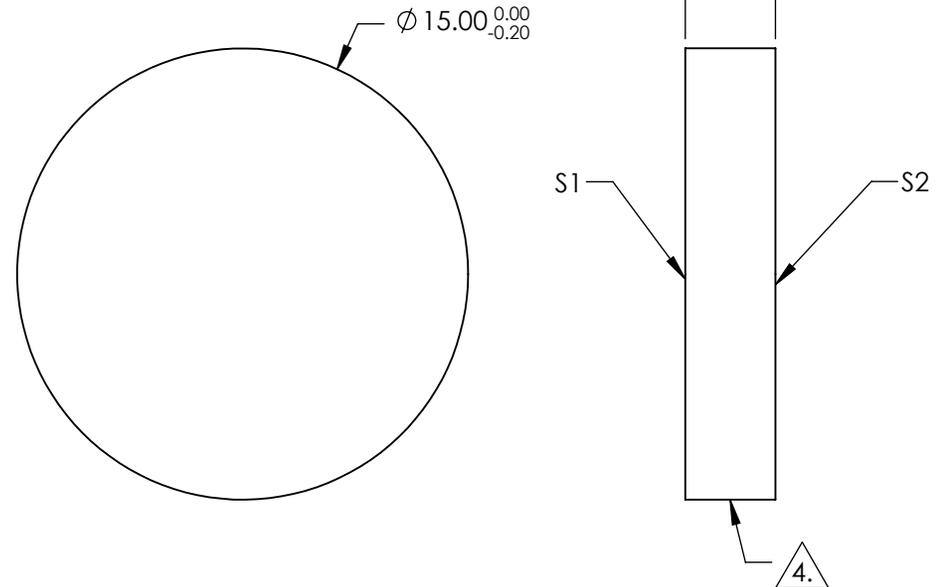
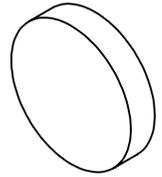
1. SUBSTRATE:  
ZERODUR®
2. SURFACE S2 TO BE PARALLEL TO SURFACE S1 TO WITHIN 30 ARCSEC
3. COATING (APPLY ACROSS CLEAR APERTURE)  
S1: R(abs) > 99.80% @ 1030nm @ 45° AOI  
R(avg) > 99.5% @ 1020 - 1040nm @ 45° AOI

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	$\varnothing 13.50$	N/A
COATING APERTURE	$\varnothing 13.50$	N/A
BEVEL	PROTECTED AS NEEDED	PROTECTED AS NEEDED



ALL DIMS IN mm

TITLE	15mm Dia. 1030nm 45°, Yb:YAG Laser Line Mirror
DWG NO	26895
SHEET 26 OF 86	