

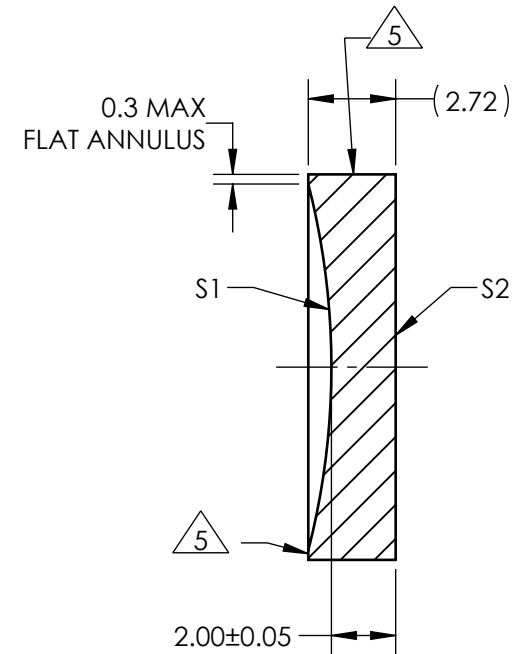
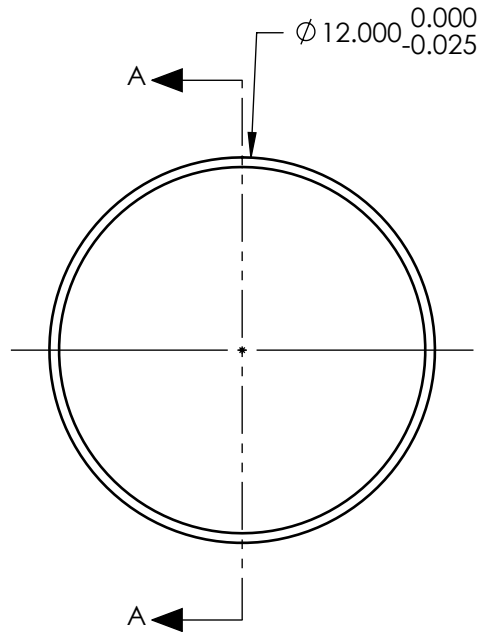
NOTES:

1. SUBSTRATE:
Fused Silica 458/678
2. ROHS COMPLIANT
3. CENTERING TOLERANCE (AT 587.6nm):
BEAM DEVIATION (HALF ANGLE): <1 ARCMIN
4. COATING (APPLY ACROSS COATING APERTURE)

S1 & S2: UV-VIS
R(AVG) ≤ 1.5% FROM 250 - 700nm @ 0° AOI
R(ABS) ≤ 1.0% FROM 350 - 450nm @ 0° AOI

5 FINE GRIND SURFACE

6. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
7. FOCAL LENGTH (EFL): -50.00mm±1%
BACK FOCAL LENGTH (BFL): -51.37mm
8. PROTECTIVE BEVEL AS NEEDED
9. DESIGN WAVELENGTH: 587.6nm



SECTION A-A

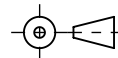
**FOR INFORMATION ONLY:
DO NOT MANUFACTURE
PARTS TO THIS DRAWING**

	S1	S2
SHAPE	CONCAVE	PLANO
RADIUS	22.92	INFINITY
SURFACE QUALITY	40 - 20	40 - 20
MIN CLEAR APERTURE	Ø 11.00	Ø 11.00
MIN COATING APERTURE	Ø 11.00	Ø 11.00
POWER AT 632.8nm	3.00 RINGS	3.00 RINGS
IRREGULARITY AT 632.8nm	0.50 RINGS	0.50 RINGS

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

EO® Edmund Optics®

THIRD ANGLE
PROJECTION



ALL DIMS IN

mm

TITLE

12mm Dia x -50mm FL, UV-VIS Coated,
Plano-Concave Lens

DWG NO

71100

SHEET
1 OF 1