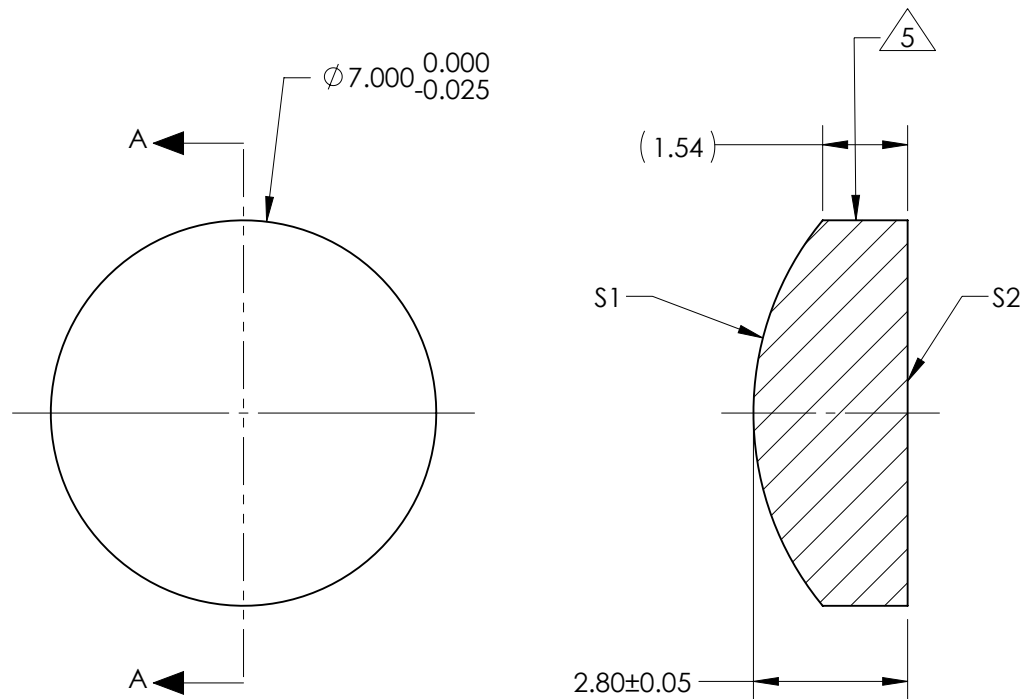


NOTES:

1. SUBSTRATE:
N-SF11 785/258
2. ROHS COMPLIANT
3. CENTERING TOLERANCE (AT 587.6nm):
BEAM DEVIATION (HALF ANGLE): <3 ARCMIN
4. COATING (APPLY ACROSS COATING APERTURE)

S1 & S2:
¼ WAVE MgF2 @ 550nm
R(AVG) < 1.75% FROM 400 - 700nm (N - BK7)
5. FINE GRIND SURFACE
6. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
7. FOCAL LENGTH (EFL): 7.00mm±1%
BACK FOCAL LENGTH (BFL): 5.50mm
8. PROTECTIVE BEVEL AS NEEDED
9. DESIGN WAVELENGTH: 587.6nm



SECTION A-A

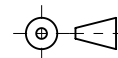
***FOR INFORMATION ONLY:
DO NOT MANUFACTURE
PARTS TO THIS DRAWING***

	S1	S2
SHAPE	CONVEX	PLANO
RADIUS	5.50	INFINITY
SURFACE QUALITY	40 - 20	40 - 20
MIN CLEAR APERTURE	Ø 6.30	Ø 6.30
MIN COATING APERTURE	Ø 6.00	Ø 6.00
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

7mm Dia x 7mm FL, MgF2 Coated, Plano-Convex Lens

DWG NO

71293

SHEET
1 OF 1