
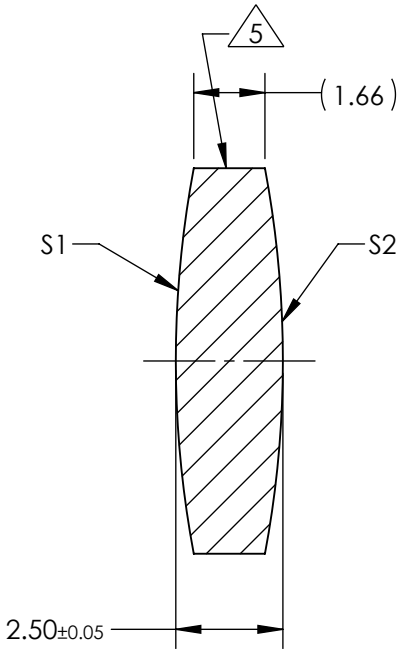
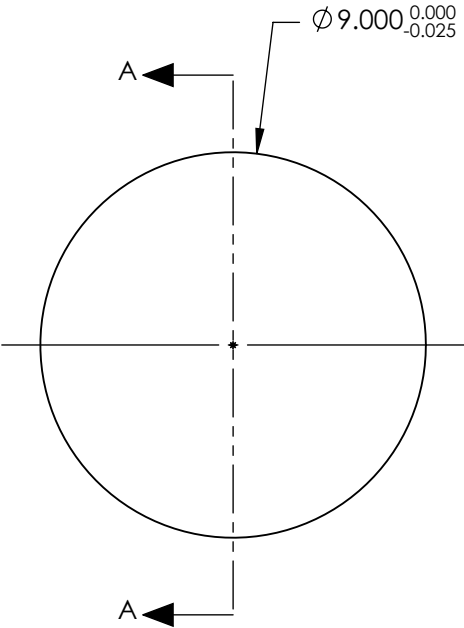


NOTES:

- SUBSTRATE:  
CORNING: FUSED SILICA 458/678
- ROHS COMPLIANT
- CENTERING TOLERANCE (AT 587.6nm):  
BEAM DEVIATION (HALF ANGLE): <1 ARCMIN
- COATING (APPLY ACROSS COATING APERTURE)  
  
S1: NONE  
S2: NONE
-  FINE GRIND SURFACE
- POWER, IRREGULARITY, AND SURFACE QUALITY  
SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
- FOCAL LENGTH (EFL): 27.00mm±1%  
BACK FOCAL LENGTH (BFL): 26.13mm
- PROTECTIVE BEVEL AS NEEDED
- DESIGN WAVELENGTH: 587.6nm



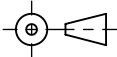
SECTION A-A

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

	S1	S2
SHAPE	CONVEX	CONVEX
RADIUS	24.36	24.36
SURFACE QUALITY	40 - 20	40 - 20
MIN CLEAR APERTURE	Ø8.10	Ø8.10
MIN COATING APERTURE	N/A	N/A
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

 **Edmund Optics®**

THIRD ANGLE PROJECTION		TITLE	9mm Dia. x 27mm FL, Uncoated, UV Double-Convex Lens	
ALL DIMS IN	mm	DWG NO	49985	SHEET 1 OF 1