NOTES:

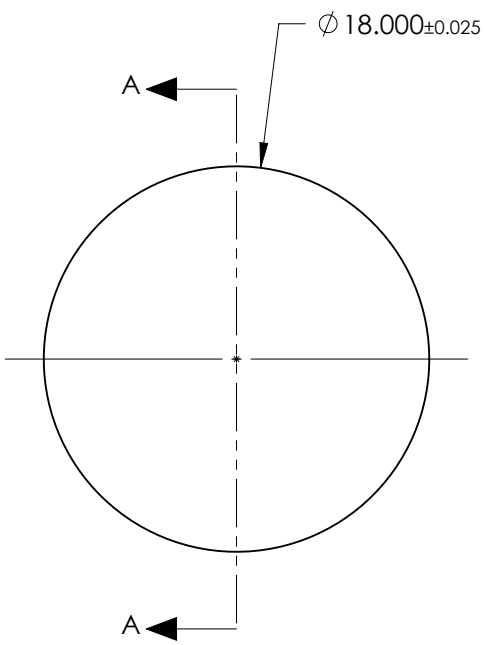
1. SUBSTRATE:
   GRADE A FINE ANNEALED
   SCHOTT: N-SF11 785/258
2. ROHS COMPLIANT
3. CENTERING TOLERANCE (AT 587.6nm):
   BEAM DEVIATION (HALF ANGLE): <1 ARCMIN
4. COATING (APPLY ACROSS COATING APERTURE)

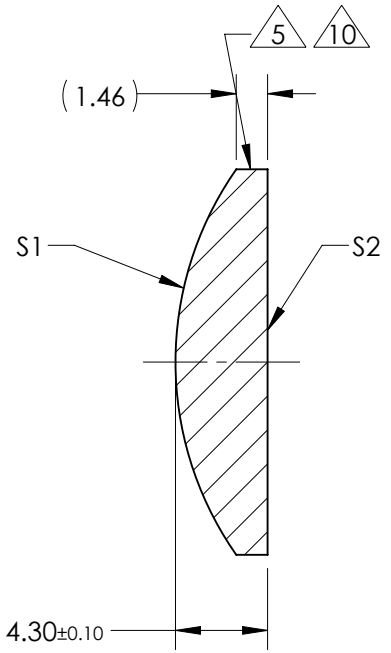
   S1 & S2: VIS 0°
   R(AVG) ≤ 0.4% FROM 425-675nm @ 0° AOI

△5. FINE GRIND SURFACE

6. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
7. FOCAL LENGTH (EFL): 20.00mm ±1%
   BACK FOCAL LENGTH (BFL): 17.59mm
8. PROTECTIVE BEVEL AS NEEDED
9. DESIGN WAVELENGTH: 587.6nm

△10. BLACKENED SURFACE





SECTION A-A

FOR INFORMATION ONLY:
DO NOT MANUFACTURE PARTS TO THIS DRAWING

	S1	S2
SHAPE	CONVEX	PLANO
RADIUS	15.70	INFINITY
SURFACE QUALITY	40 - 20	40 - 20
MIN CLEAR APERTURE	∅17.00	∅17.00
MIN COATING APERTURE	∅17.00	∅17.00
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

Edmund Optics®

THIRD ANGLE PROJECTION		TITLE	18.0mm Dia. x 20.0mm FL, VIS 0, Inked, Plano-Convex Lens
ALL DIMS IN	mm	DWG NO	38313INK
			SHEET 1 OF 1