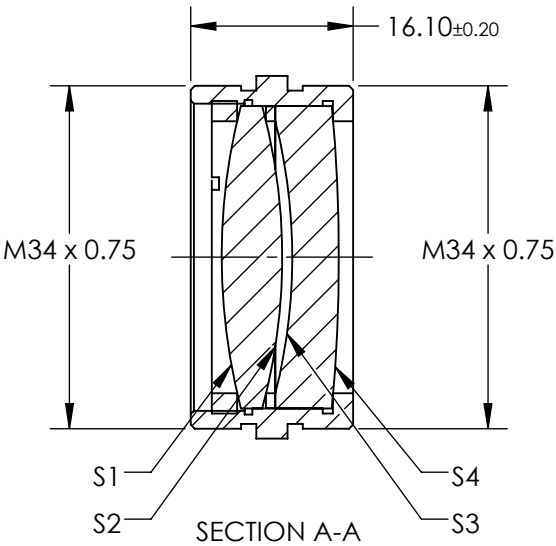
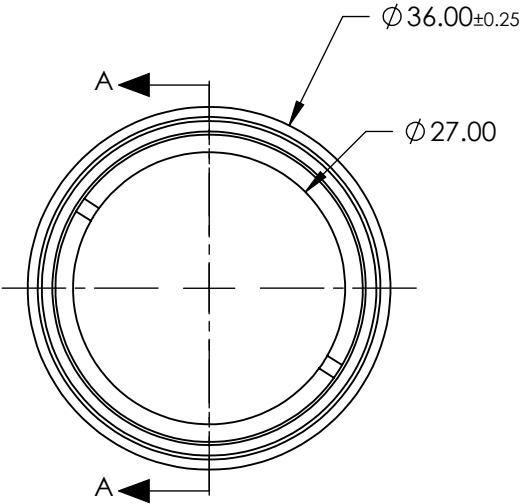


NOTES:

- SUBSTRATE:
ELEMENT A: N-SK5
ELEMENT B: N-SF57
- CONSTRUCTION: ANODIZED ALUMINUM HOUSING
- CENTERING TOLERANCE (AT 587.6nm):
BEAM DEVIATION HALF ANGLE: <0.5 ARCMIN
- COATING (APPLY ACROSS COATING APERTURE)
S1, S2, S3 & S4: DUAL V-COAT (632.8nm & 1064nm)
R (ABS) < 0.5% @1030nm to 1090nm
R (ABS) < 1% @ 632.8nm

TYPICAL DAMAGE THRESHOLD,
PULSED: 10 J/cm² @ 10ns, 20 Hz, 1064nm
- POWER, IRREGULARITY, AND SURFACE QUALITY
SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
- DESIGN WAVELENGTH: 632.8nm, 1064nm
- FOCAL LENGTH (EFL): 100.00mm
- ROHS COMPLIANT



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

	ELEMENT A		ELEMENT B	
	S1	S2	S3	S4
SHAPE	CONVEX	CONVEX	CONCAVE	CONVEX
RADIUS	60.497	57.684	55.214	161.146
SURFACE QUALITY	20-10	20-10	20-10	20-10
MIN CLEAR APERTURE	Ø27.00	Ø27.00	Ø27.00	Ø27.00
MIN COATING APERTURE	Ø27.00	Ø27.00	Ø27.00	Ø27.00
POWER AT 632.8nm	1.50 WAVES	1.50 WAVES	1.50 WAVES	1.50 WAVES
IRREGULARITY AT 632.8nm	0.25 WAVES	0.25 WAVES	0.25 WAVES	0.25 WAVES

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

Edmund Optics®



ALL DIMS IN

mm

TITLE

100mm, Nd:YAG AIR SPACED FOCUSING
DOUBLET

DWG NO

12160

SHEET
1 OF 1