NOTES:

1. SUBSTRATE:
   ELEMENT A/ ELEMENT B
   N-BK7 / N-SF5

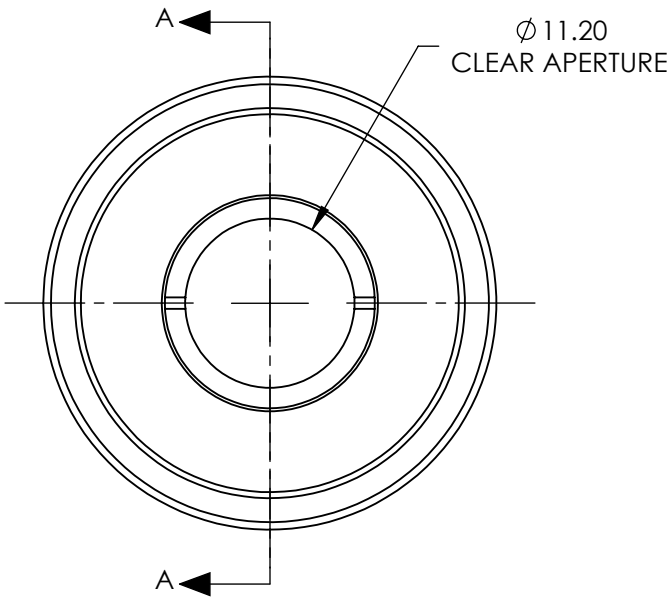
2. ROHS COMPLIANT

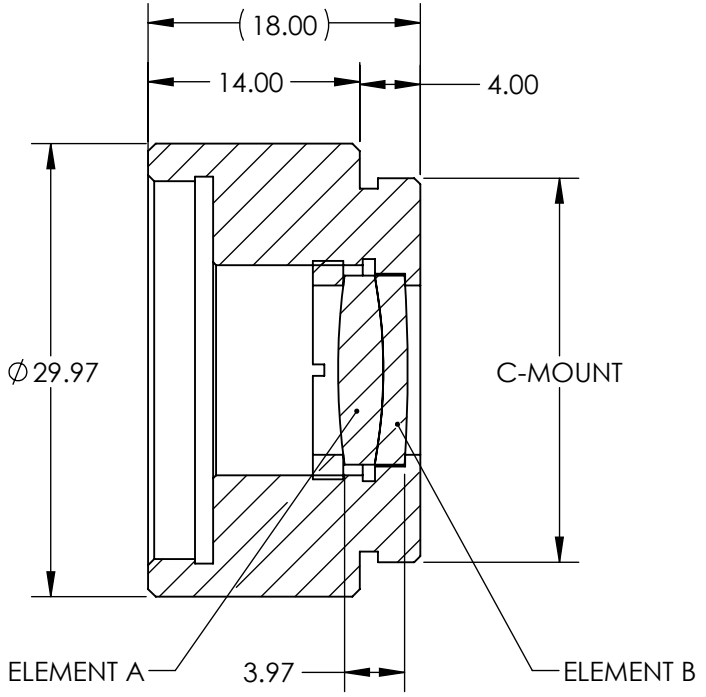
3. COATING (APPLY ACROSS COATING APERTURE)
4. S1 & S4: MgF2 (400-700nm)
   R(AVG) ≤1.75% @ 400 - 700nm

   S2 & S3: NONE

5. FOCAL LENGTH (EFL): 75.00 ±2 %
   FOCAL LENGTH (BFL) FROM MECHANICAL HOUSING: 71.49

FOR INFORMATION ONLY:
DO NOT MANUFACTURE PARTS TO THIS DRAWING





SECTION A-A

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

	ELEMENT A		ELEMENT B	
	S1	S2	S3	S4
SHAPE	CONVEX	CONVEX	CONCAVE	CONVEX
RADIUS	46.44	33.77	33.77	95.94
SURFACE QUALITY	40-20	40-20	40-20	40-20
POWER AT 632.8nm	1.5λ	1.5λ	1.5λ	1.5λ
IRREGULARITY AT 632.8nm	λ/4	λ/4	λ/4	λ/4

Edmund Optics®

THIRD ANGLE PROJECTION

TITLE: 11.2mm CA, 75mm FL, Mounted MgF2 Coated Achromatic Doublet Lens

ALL DIMS IN: mm

DWG NO: 12931

SHEET 1 OF 1