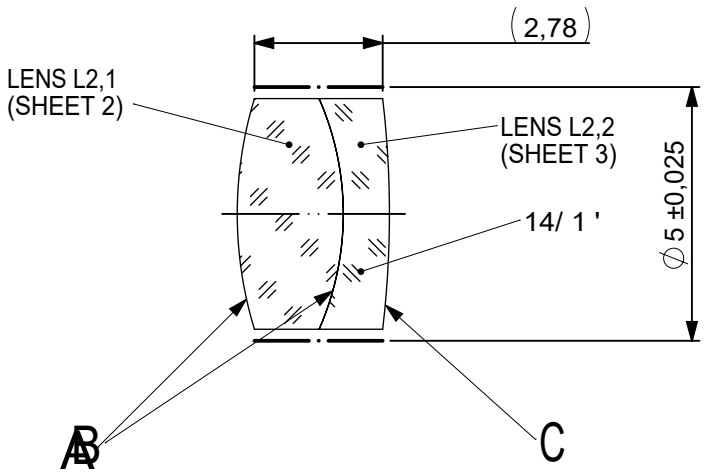


FOCAL LENGTH (EFL): 12,5 ±0,13
BACK FOCAL LENGTH (BFL): 10,89

—·— BLACKENED SURFACE

SURFACE A	SURFACE B	SURFACE C
Øe 4,5	Øe 4,5 CEMENT: NOA 61 OR EQUIVALENT	Øe 4,5

PROTECTIVE CHAMFERS AS NEEDED

ROHS: COMPLIANT | SCALE: NONE | λ = 587,6nm

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE. DIMENSIONS ARE FOR REFERENCE ONLY

FOR INFORMATION ONLY: DO NOT MANUFACTURE PARTS TO THIS DRAWING

INDICATIONS IN ACCORDANCE WITH ISO 10110

FIRST ANGLE PROJECTION

ALL DIMS IN: mm

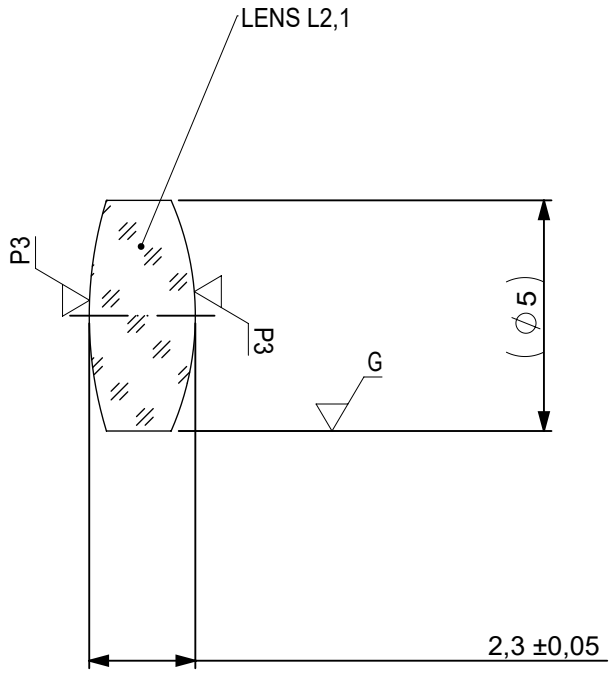
Edmund Optics®

TITLE: 5mm Dia, x 12,5mm FL, MgF2 Coated, Achromatic Doublet Lens, Inked

DWG NO: 49923INK

SHEET SIZE: A4

SHEET 1 OF 3

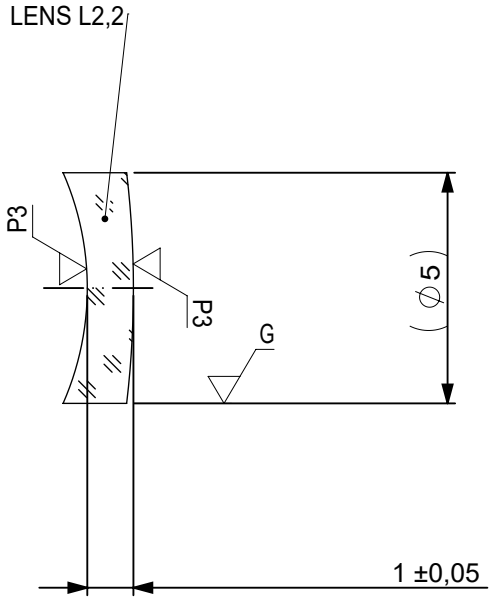


1

¼ WAVE MgF2 @ 550nm
R(AVG) < 1,75% FROM 400-700nm (N-BK7)

LEFT SURFACE	MATERIAL	RIGHT SURFACE
R 8,57 CX	GLASS N-SSK8 618/498	R 6,22 CX
Øe 4,5	Nd: 1,618	Øe 4,5
(λ) SEE NOTE 1	Vd: 49,83	(λ)
3/ 3 (0,5) λ=632,8 nm		3/ 3 (0,5) λ=632,8 nm
4/ -		4/ -
5/ 40 - 20		5/ 40 - 20
6/ -		6/ -

PROTECTIVE CHAMFERS AS NEEDED	FIRST ANGLE PROJECTION	Edmund Optics®	
ROHS: COMPLIANT / SCALE: NONE / λ = 587,6nm		TITLE	5mm Dia, x 12,5mm FL, MgF2 Coated, Achromatic Doublet Lens, Inked
SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE. DIMENSIONS ARE FOR REFERENCE ONLY			
FOR INFORMATION ONLY: DO NOT MANUFACTURE PARTS TO THIS DRAWING	ALL DIMS IN: mm	DWG NO	49923INK
INDICATIONS IN ACCORDANCE WITH ISO 10110		SHEET SIZE	A4
		SHEET	2 OF 3



1

¼ WAVE MgF2 @ 550nm
R(AVG) < 1,75% FROM 400-700nm (N-BK7)

LEFT SURFACE	MATERIAL	RIGHT SURFACE
R 6,22±0,006 CV	GLASS N-SF56 785/261	R 21,36±0,021 CX
Øe 4,5	Nd: 1,785	Øe 4,5
(λ)	Vd: 26,10	(λ) SEE NOTE 1
3/ 3 (0,5) λ=632,8 nm		3/ 3 (0,5) λ=632,8 nm
4/ -		4/ -
5/ 40 - 20		5/ 40 - 20
6/ -		6/ -

PROTECTIVE CHAMFERS AS NEEDED

ROHS: COMPLIANT | SCALE: NONE | λ = 587,6nm

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE. DIMENSIONS ARE FOR REFERENCE ONLY

FOR INFORMATION ONLY: DO NOT MANUFACTURE PARTS TO THIS DRAWING

INDICATIONS IN ACCORDANCE WITH ISO 10110

FIRST ANGLE PROJECTION

ALL DIMS IN: mm

Edmund Optics®

TITLE: 5mm Dia, x 12,5mm FL, MgF2 Coated, Achromatic Doublet Lens, Inked

DWG NO: 49923INK

SHEET SIZE: A4

SHEET 3 OF 3