

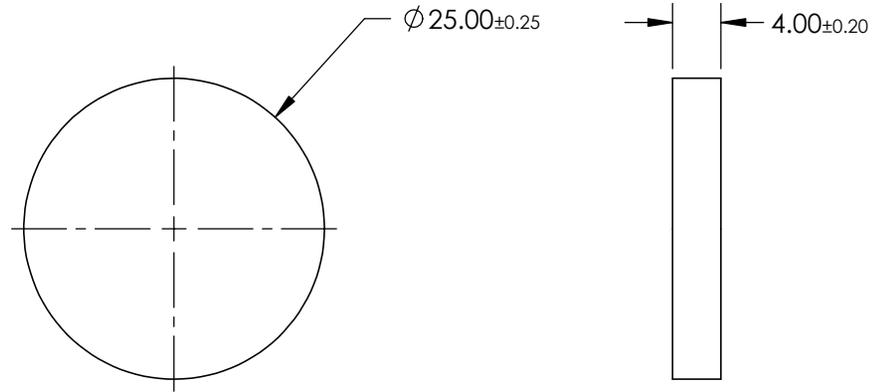
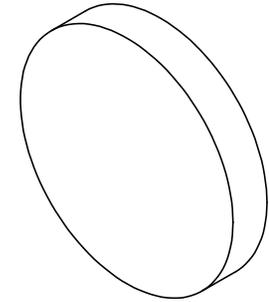
NOTES:

1. SUBSTRATE:
2. SURFACE S2 TO BE PARALLEL WITH S1 TO WITHIN <1 ARCMIN
3. COATING (APPLY ACROSS CLEAR APERTURE)
 PERFORMANCE SPECIFICATIONS:
 R(ABS) = 50% @ 615nm; R(AVG) > 98% @ 640-750nm
 S1: MULTI-LAYER DICHROIC
 S2: SINGLE LAYER MgF2

 4. FINE GRIND SURFACE

5. POWER, IRREGULARITY, AND SURFACE QUALITY
 SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
6. ROHS COMPLIANT

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



SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
 DIMENSIONS ARE FOR REFERENCE ONLY

| | S1 | S2 |
|-------------------|---------------------|---------------------|
| SHAPE | PLANO | PLANO |
| CUT-ON WAVELENGTH | 615nm | 615nm |
| SURFACE QUALITY | 60-40 | 60-40 |
| SURFACE FLATNESS | $\lambda/4$ | $\lambda/4$ |
| COATING TYPE | TRADITIONAL COATED | TRADITIONAL COATED |
| BEVEL | PROTECTED AS NEEDED | PROTECTED AS NEEDED |



ALL DIMS IN mm

| | |
|---|--------------------------------|
|  Edmund Optics® | |
| TITLE | Ø25mm, 45° RED DICHROIC FILTER |
| DWG NO | 47266 |
| SHEET 1 OF 1 | |

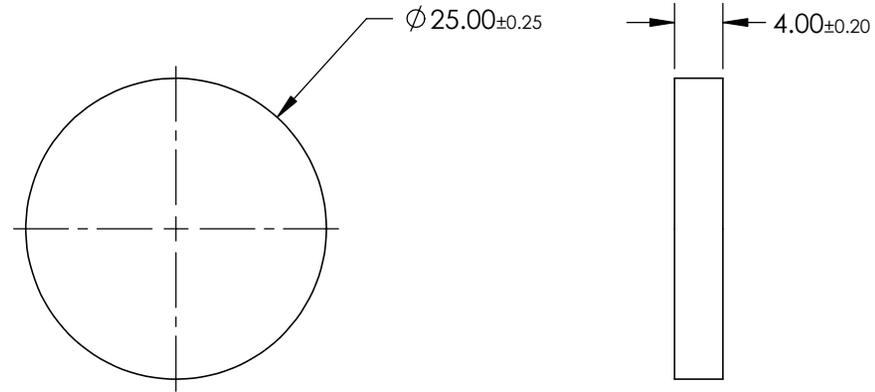
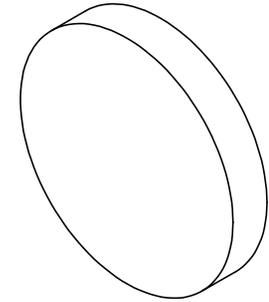
NOTES:

1. SUBSTRATE:
2. SURFACE S2 TO BE PARALLEL WITH S1 TO WITHIN <1 ARCMIN
3. COATING (APPLY ACROSS CLEAR APERTURE)
 PERFORMANCE SPECIFICATIONS:
 R(ABS) = 50% @ 510nm; R(AVG) > 98% @ 400 - 475nm
 S1: MULTI-LAYER DICHROIC
 S2: SINGLE LAYER MgF2

 FINE GRIND SURFACE

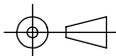
5. POWER, IRREGULARITY, AND SURFACE QUALITY
 SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
6. ROHS COMPLIANT

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PARTS TO THIS DRAWING



SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
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| | S1 | S2 |
|--------------------|---------------------|---------------------|
| SHAPE | PLANO | PLANO |
| CUT-OFF WAVELENGTH | 510nm | 510nm |
| SURFACE QUALITY | 60-40 | 60-40 |
| SURFACE FLATNESS | $\lambda/4$ | $\lambda/4$ |
| COATING TYPE | TRADITIONAL COATED | TRADITIONAL COATED |
| BEVEL | PROTECTED AS NEEDED | PROTECTED AS NEEDED |

THIRD ANGLE PROJECTION 

ALL DIMS IN mm

 **Edmund Optics®**

TITLE: Ø25mm, 45° BLUE DICHROIC FILTER

DWG NO: 47267

SHEET 1 OF 1

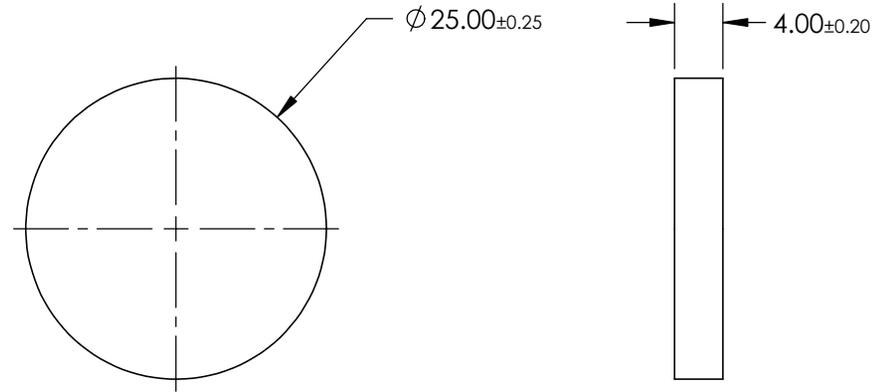
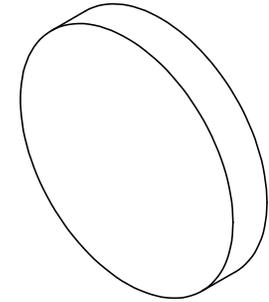
NOTES:

1. SUBSTRATE:
2. SURFACE S2 TO BE PARALLEL WITH S1 TO WITHIN <1 ARCMIN
3. COATING (APPLY ACROSS CLEAR APERTURE)
 PERFORMANCE SPECIFICATIONS:
 R(ABS) = 99.7% @ 535nm; R(AVG) >95% FROM 520-555nm
 S1: MULTI-LAYER DICHROIC
 S2: SINGLE LAYER MgF2

 4. FINE GRIND SURFACE

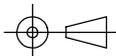
5. POWER, IRREGULARITY, AND SURFACE QUALITY
 SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
6. ROHS COMPLIANT

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PARTS TO THIS DRAWING**



SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
 DIMENSIONS ARE FOR REFERENCE ONLY

| | S1 | S2 |
|-----------------------|---------------------|---------------------|
| SHAPE | PLANO | PLANO |
| CENTER WAVELENGTH CWL | 535nm | 535nm |
| SURFACE QUALITY | 60-40 | 60-40 |
| SURFACE FLATNESS | $\lambda/4$ | $\lambda/4$ |
| COATING TYPE | TRADITIONAL COATED | TRADITIONAL COATED |
| BEVEL | PROTECTED AS NEEDED | PROTECTED AS NEEDED |

THIRD ANGLE PROJECTION 

ALL DIMS IN mm

 **Edmund Optics®**

TITLE: $\phi 25\text{mm}$, 45° GREEN DICHROIC FILTER

DWG NO: 47268

SHEET 1 OF 1