

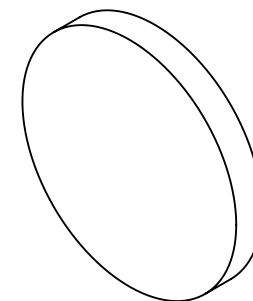
NOTES:

1. SUBSTRATE
UV GRADE FUSED SILICA
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN 5 ARCSEC
3. COATING (APPLY ACROSS COATING APERTURE)

PERFORMANCE SPECIFICATIONS @ 0° AOI
T(AVG): >85% FROM 780 - 2000nm
T(AVG): < 1% FROM 565 - 715nm
T(ABS): = 50% @ 750nm

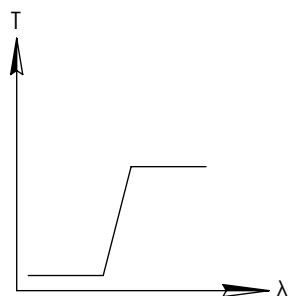
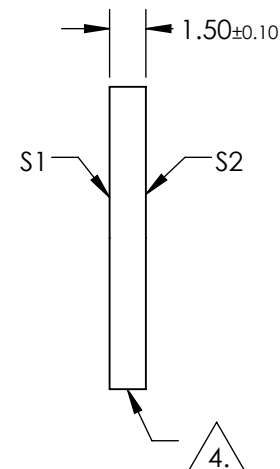
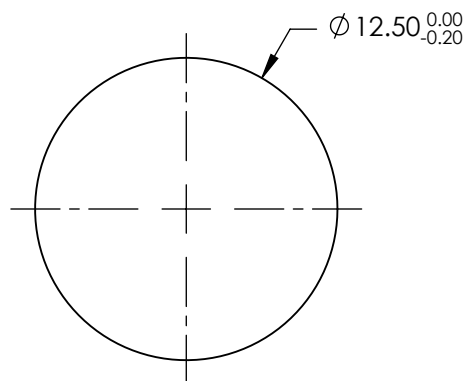
S1: MULTILAYER DIELECTRIC COATING
S2: SINGLE LAYER MgF2

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



4. FINE GRIND SURFACE

5. TRANSMITTED WAVEFRONT DISTORTION RMS@ 632.8nm ≤ ¼ WAVE
6. ROHS COMPLIANT



LONGPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2
SHAPE	PLANO	PLANO
SURFACE QUALITY	40-20	40-20
CLEAR APERTURE	80%	80%
COATING APERTURE	Ø11.00	Ø11.00
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

THIRD ANGLE
PROJECTION



ALL DIMS IN

mm

Edmund Optics®

TITLE

OD2, Ø12.5mm, 750nm LONGPASS FILTER

DWG NO

49031

SHEET
1 OF 1

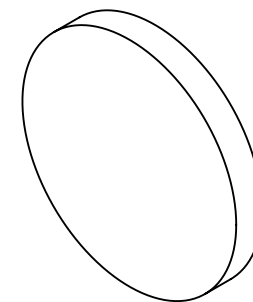
NOTES:

1. SUBSTRATE
UV GRADE FUSED SILICA
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN 5 ARCSEC
3. COATING (APPLY ACROSS COATING APERTURE)

PERFORMANCE SPECIFICATIONS @ 0° AOI
T(AVG): >85% FROM 830 - 2000nm
T(AVG): < 1% FROM 600 - 760nm
T(ABS): = 50% @ 800nm

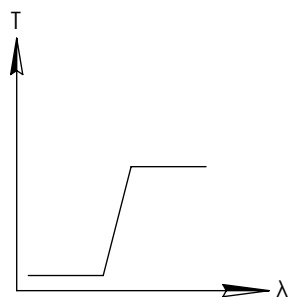
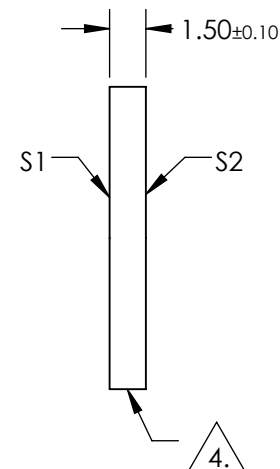
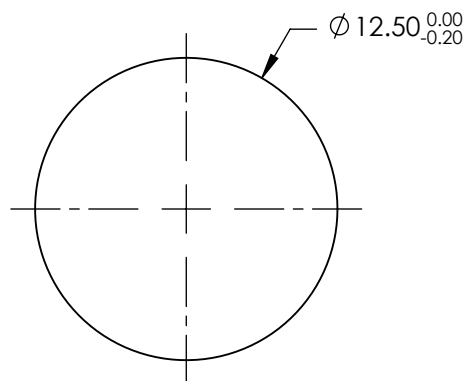
S1: MULTILAYER DIELECTRIC COATING
S2: SINGLE LAYER MgF2

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



4. FINE GRIND SURFACE

5. TRANSMITTED WAVEFRONT DISTORTION RMS@ 632.8nm ≤ ¼ WAVE
6. ROHS COMPLIANT

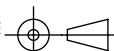


LONGPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2
SHAPE	PLANO	PLANO
SURFACE QUALITY	40-20	40-20
CLEAR APERTURE	80%	80%
COATING APERTURE	Ø11.00	Ø11.00
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

THIRD ANGLE
PROJECTION



ALL DIMS IN

mm

Edmund Optics®

TITLE

OD2, Ø12.5mm, 800nm LONGPASS FILTER

DWG NO

49032

SHEET
1 OF 1

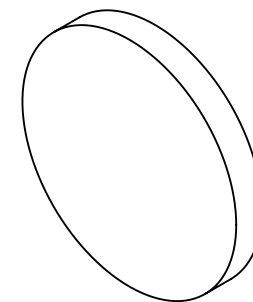
NOTES:

1. SUBSTRATE
UV GRADE FUSED SILICA
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN 5 ARCSEC
3. COATING (APPLY ACROSS COATING APERTURE)

PERFORMANCE SPECIFICATIONS @ 0° AOI
T(AVG): >85% FROM 880 - 2000nm
T(AVG): < 1% FROM 635 - 805nm
T(ABS): = 50% @ 850nm

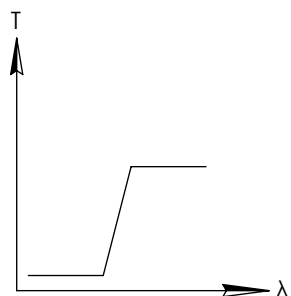
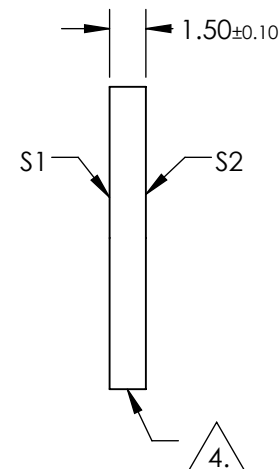
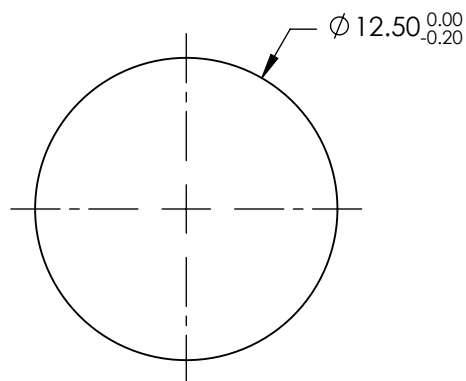
S1: MULTILAYER DIELECTRIC COATING
S2: SINGLE LAYER MgF2

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



4. FINE GRIND SURFACE

5. TRANSMITTED WAVEFRONT DISTORTION RMS@ 632.8nm ≤ ¼ WAVE
6. ROHS COMPLIANT

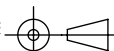


LONGPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2
SHAPE	PLANO	PLANO
SURFACE QUALITY	40-20	40-20
CLEAR APERTURE	80%	80%
COATING APERTURE	Ø11.00	Ø11.00
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

THIRD ANGLE
PROJECTION



ALL DIMS IN

mm

Edmund Optics®

TITLE

OD2, Ø12.5mm, 850nm LONGPASS FILTER

DWG NO

49033

SHEET
1 OF 1

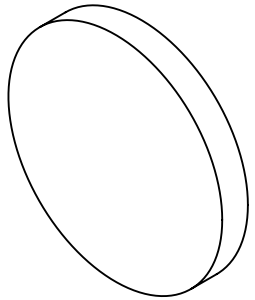
NOTES:

1. SUBSTRATE
UV GRADE FUSED SILICA
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN 5 ARCSEC
3. COATING (APPLY ACROSS COATING APERTURE)

PERFORMANCE SPECIFICATIONS @ 0° AOI
T(AVG): >85% FROM 935 - 2000nm
T(AVG): < 1% FROM 675 - 855nm
T(ABS): = 50% @ 900nm

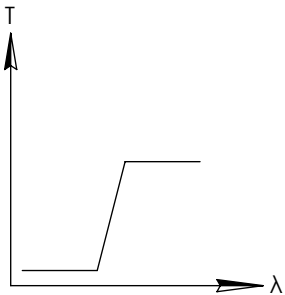
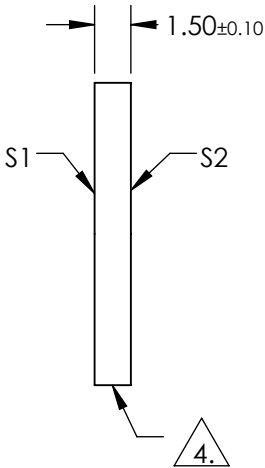
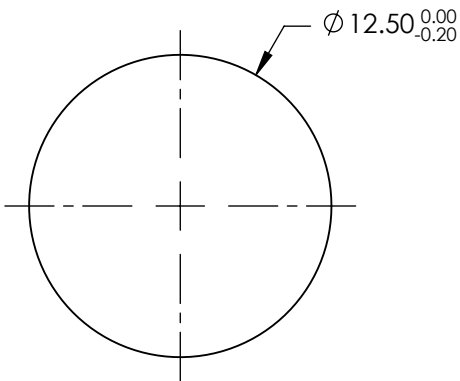
S1: MULTILAYER DIELECTRIC COATING
S2: SINGLE LAYER MgF2

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



4. FINE GRIND SURFACE

5. TRANSMITTED WAVEFRONT DISTORTION RMS@ 632.8nm ≤ ¼ WAVE
6. ROHS COMPLIANT



LONGPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2
SHAPE	PLANO	PLANO
SURFACE QUALITY	40-20	40-20
CLEAR APERTURE	80%	80%
COATING APERTURE	Ø11.00	Ø11.00
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

Edmund Optics®



ALL DIMS IN

mm

TITLE

OD2, Ø12.5mm, 900nm LONGPASS FILTER

DWG NO

49034

SHEET
1 OF 1

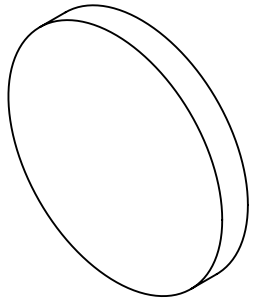
NOTES:

1. SUBSTRATE
UV GRADE FUSED SILICA
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN 5 ARCSEC
3. COATING (APPLY ACROSS COATING APERTURE)

PERFORMANCE SPECIFICATIONS @ 0° AOI
T(AVG): >85% FROM 985 - 2000nm
T(AVG): < 1% FROM 715 - 900nm
T(ABS): = 50% @ 950nm

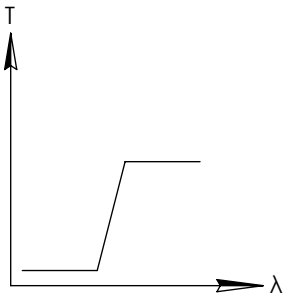
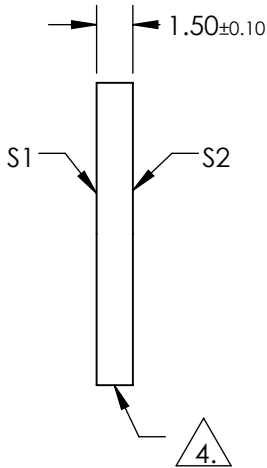
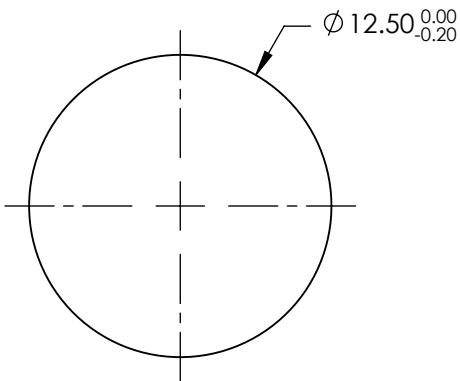
S1: MULTILAYER DIELECTRIC COATING
S2: SINGLE LAYER MgF2

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



4. FINE GRIND SURFACE

5. TRANSMITTED WAVEFRONT DISTORTION RMS@ 632.8nm $\leq \frac{1}{4}$ WAVE
6. ROHS COMPLIANT



LONGPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2
SHAPE	PLANO	PLANO
SURFACE QUALITY	40-20	40-20
CLEAR APERTURE	80%	80%
COATING APERTURE	Ø11.00	Ø11.00
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

Edmund Optics®



ALL DIMS IN

mm

TITLE

OD2, Ø12.5mm, 950nm LONGPASS FILTER

DWG NO

49035

SHEET
1 OF 1

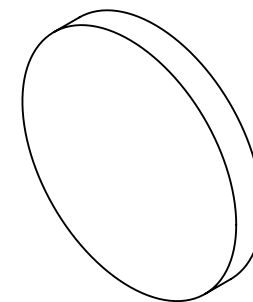
NOTES:

1. SUBSTRATE
UV GRADE FUSED SILICA
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN 5 ARCSEC
3. COATING (APPLY ACROSS COATING APERTURE)

PERFORMANCE SPECIFICATIONS @ 0° AOI
T(AVG): >85% FROM 1035 - 2000nm
T(AVG): < 1% FROM 750 - 950nm
T(ABS): = 50% @ 1000nm

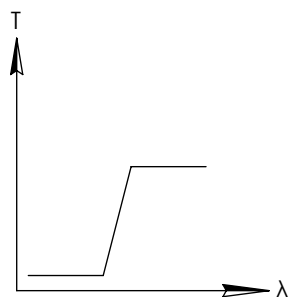
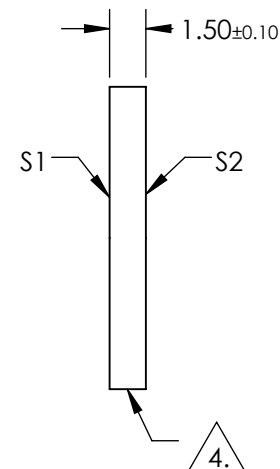
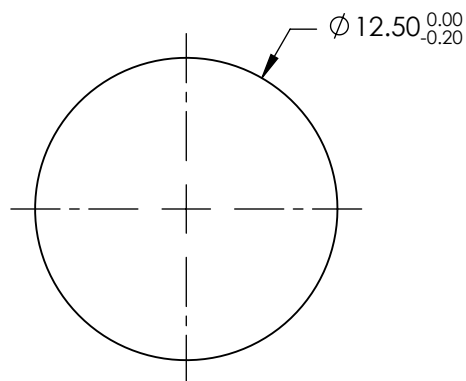
S1: MULTILAYER DIELECTRIC COATING
S2: SINGLE LAYER MgF2

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



4. FINE GRIND SURFACE

5. TRANSMITTED WAVEFRONT DISTORTION RMS@ 632.8nm ≤ ¼ WAVE
6. ROHS COMPLIANT

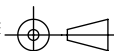


LONGPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2
SHAPE	PLANO	PLANO
SURFACE QUALITY	40-20	40-20
CLEAR APERTURE	80%	80%
COATING APERTURE	Ø11.00	Ø11.00
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

THIRD ANGLE
PROJECTION



ALL DIMS IN

mm

Edmund Optics®

TITLE

OD2, Ø12.5mm, 1000nm LONGPASS FILTER

DWG NO

49036

SHEET
1 OF 1

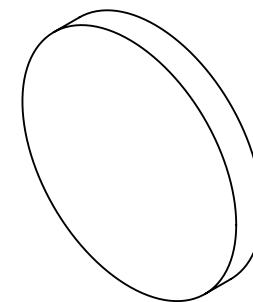
NOTES:

1. SUBSTRATE
UV GRADE FUSED SILICA
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN 5 ARCSEC
3. COATING (APPLY ACROSS COATING APERTURE)

PERFORMANCE SPECIFICATIONS @ 0° AOI
T(AVG): >85% FROM 1085 - 2000nm
T(AVG): < 1% FROM 790 - 1000nm
T(ABS): = 50% @ 1050nm

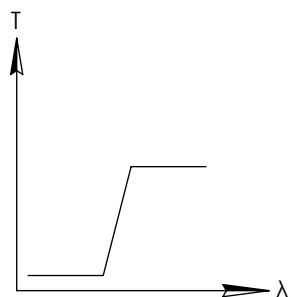
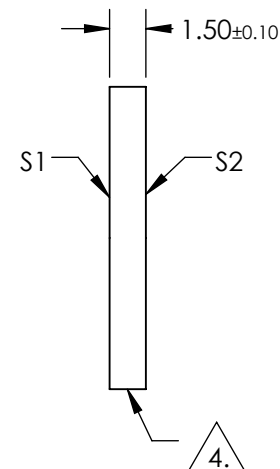
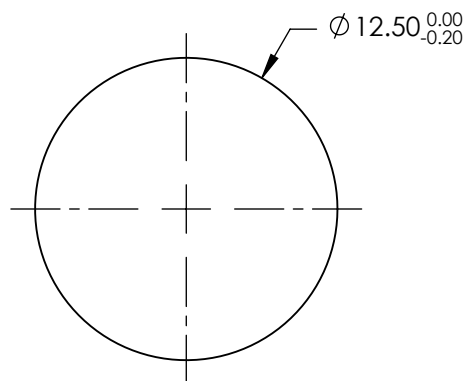
S1: MULTILAYER DIELECTRIC COATING
S2: SINGLE LAYER MgF2

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



4. FINE GRIND SURFACE

5. TRANSMITTED WAVEFRONT DISTORTION RMS@ 632.8nm ≤ ¼ WAVE
6. ROHS COMPLIANT

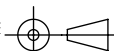


LONGPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2
SHAPE	PLANO	PLANO
SURFACE QUALITY	40-20	40-20
CLEAR APERTURE	80%	80%
COATING APERTURE	Ø11.00	Ø11.00
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

THIRD ANGLE
PROJECTION



ALL DIMS IN

mm

Edmund Optics®

TITLE

OD2, Ø12.5mm, 1050nm LONGPASS FILTER

DWG NO

49037

SHEET
1 OF 1

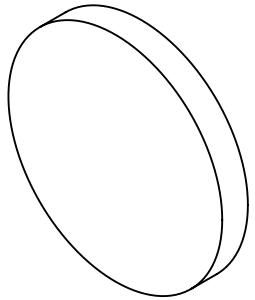
NOTES:

1. SUBSTRATE
UV GRADE FUSED SILICA
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN 5 ARCSEC
3. COATING (APPLY ACROSS COATING APERTURE)

PERFORMANCE SPECIFICATIONS @ 0° AOI
T(AVG): >85% FROM 1135 - 2000nm
T(AVG): < 1% FROM 825 - 1045nm
T(ABS): = 50% @ 1100nm

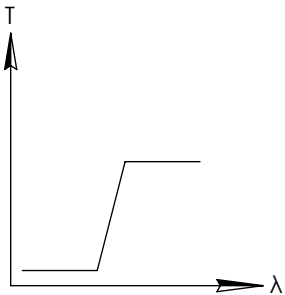
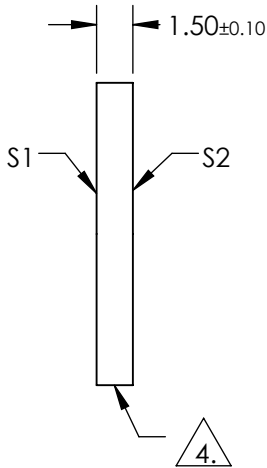
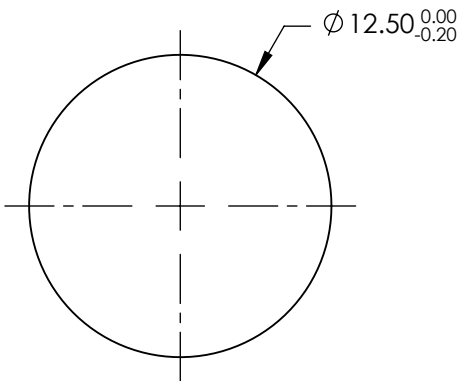
S1: MULTILAYER DIELECTRIC COATING
S2: SINGLE LAYER MgF2

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



4. FINE GRIND SURFACE

5. TRANSMITTED WAVEFRONT DISTORTION RMS@ 632.8nm ≤ ¼ WAVE
6. ROHS COMPLIANT



LONGPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2
SHAPE	PLANO	PLANO
SURFACE QUALITY	40-20	40-20
CLEAR APERTURE	80%	80%
COATING APERTURE	Ø11.00	Ø11.00
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

Edmund Optics®



ALL DIMS IN

mm

TITLE

OD2, Ø12.5mm, 1100nm LONGPASS FILTER

DWG NO

49038

SHEET
1 OF 1