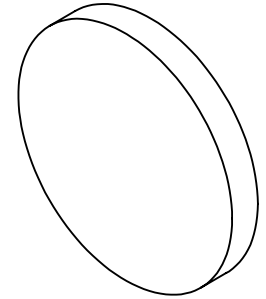
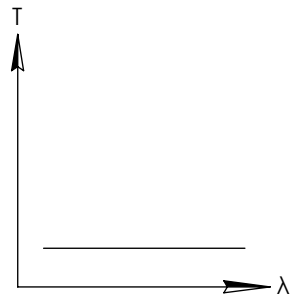
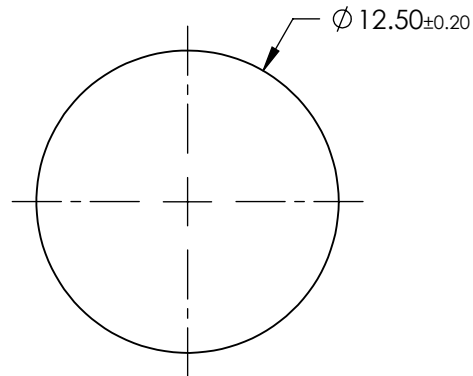


**FOR INFORMATION ONLY:
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PARTS TO THIS DRAWING**

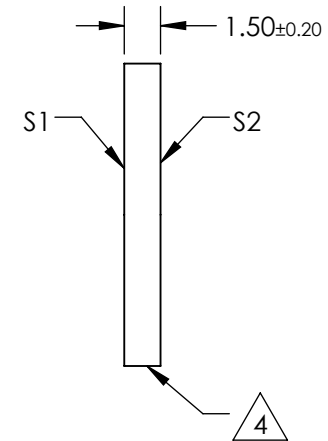


NOTES:

1. SUBSTRATE: GERMANIUM (Ge)
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN < 10 ARCMINS
3. COATING(APPLY ACROSS CLEAR APERTURE)
OPTICAL DENSITY = 0.3 @ 2 - 14μm
TRANSMISSION = 45% @ 2 - 14μm
4. FINE GROUND SURFACE
5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
6. ROHS COMPLIANT



IR NEUTRAL DENSITY FILTER



SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2
SHAPE	PLANO	PLANO
SURFACE FLATNESS	3 - 5λ	3 - 5λ
SURFACE QUALITY	80-50	80-50
CLEAR APERTURE	Ø11.25	Ø11.25
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED



ALL DIMS IN mm

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TITLE

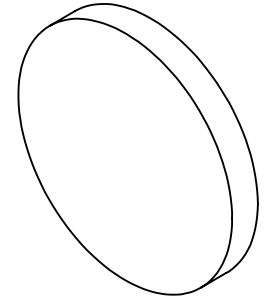
0.3 OD, 12.5mm DIA., IR NEUTRAL DENSITY
FILTER

DWG NO

12003

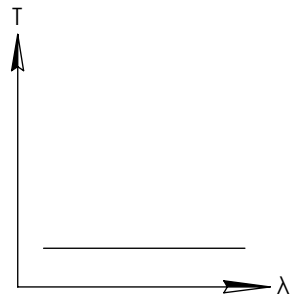
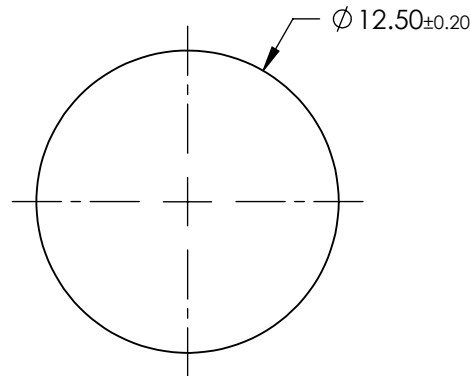
SHEET
1 OF 1

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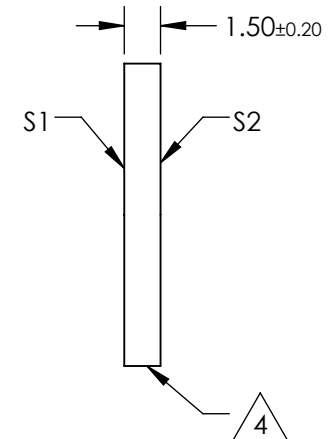


NOTES:

1. SUBSTRATE: GERMANIUM (Ge)
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN < 10 ARCMINS
3. COATING(APPLY ACROSS CLEAR APERTURE)
OPTICAL DENSITY = 0.5 @ 2 - 14 μ m
TRANSMISSION = 30% @ 2 - 14 μ m
4. FINE GROUND SURFACE
5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
6. ROHS COMPLIANT



IR NEUTRAL DENSITY FILTER



SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2
SHAPE	PLANO	PLANO
SURFACE FLATNESS	3 - 5 λ	3 - 5 λ
SURFACE QUALITY	80-50	80-50
CLEAR APERTURE	Ø11.25	Ø11.25
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

THIRD ANGLE
PROJECTION

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TITLE

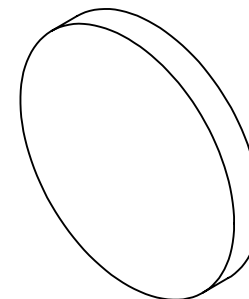
0.5 OD, 12.5mm DIA., IR NEUTRAL DENSITY
FILTER

DWG NO

12004

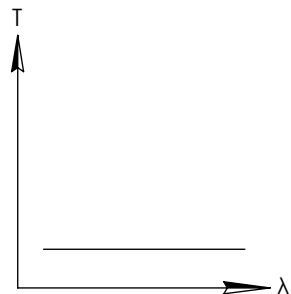
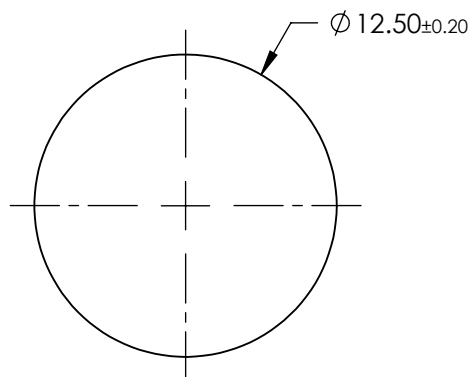
SHEET
1 OF 1

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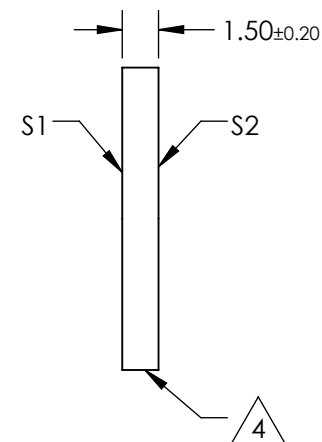


NOTES:

1. SUBSTRATE: GERMANIUM (Ge)
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN < 10 ARCMINS
3. COATING(APPLY ACROSS CLEAR APERTURE)
OPTICAL DENSITY = 0.6 @ 2 - 14μm
TRANSMISSION = 25% @ 2 - 14μm
4. FINE GROUND SURFACE
5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
6. ROHS COMPLIANT



IR NEUTRAL DENSITY FILTER



SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2
SHAPE	PLANO	PLANO
SURFACE FLATNESS	3 - 5λ	3 - 5λ
SURFACE QUALITY	80-50	80-50
CLEAR APERTURE	Ø11.25	Ø11.25
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED



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mm

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TITLE

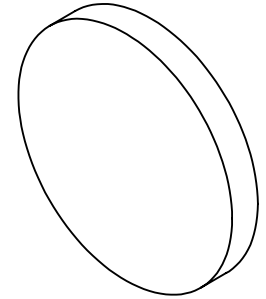
0.6 OD, 12.5mm DIA., IR NEUTRAL DENSITY
FILTER

DWG NO

12005

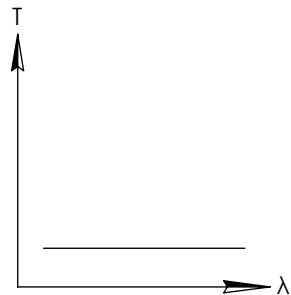
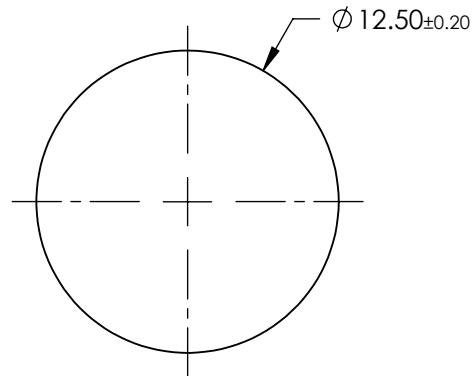
SHEET
1 OF 1

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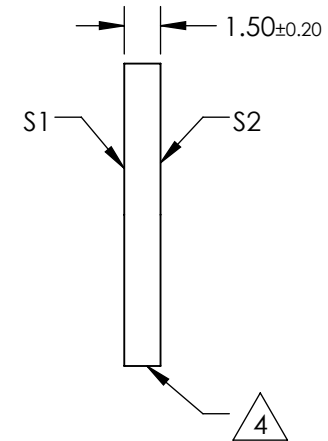


NOTES:

1. SUBSTRATE: GERMANIUM (Ge)
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN < 10 ARCMINS
3. COATING(APPLY ACROSS CLEAR APERTURE)
OPTICAL DENSITY = 0.9 @ 2 - 14 μ m
TRANSMISSION = 12% @ 2 - 14 μ m
4. FINE GROUND SURFACE
5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
6. ROHS COMPLIANT



IR NEUTRAL DENSITY FILTER



SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2
SHAPE	PLANO	PLANO
SURFACE FLATNESS	3 - 5 λ	3 - 5 λ
SURFACE QUALITY	80-50	80-50
CLEAR APERTURE	Ø11.25	Ø11.25
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED



ALL DIMS IN

mm

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TITLE

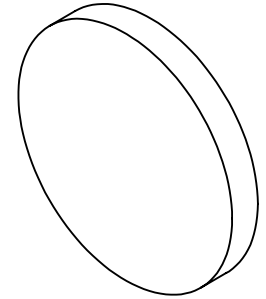
0.9 OD, 12.5mm DIA., IR NEUTRAL DENSITY
FILTER

DWG NO

12008

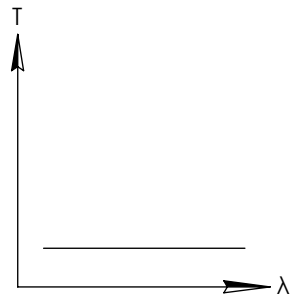
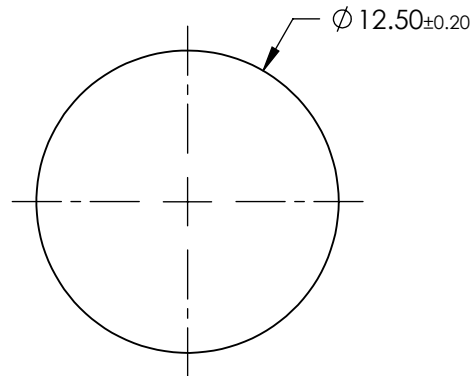
SHEET
1 OF 1

**FOR INFORMATION ONLY:
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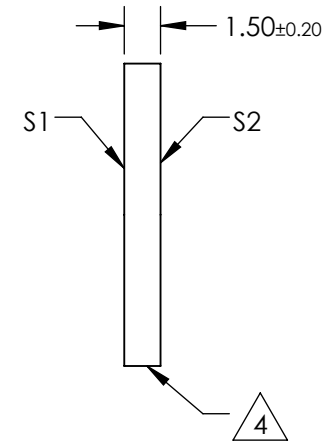


NOTES:

1. SUBSTRATE: GERMANIUM (Ge)
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN < 10 ARCMINS
3. COATING(APPLY ACROSS CLEAR APERTURE)
OPTICAL DENSITY = 1.0 @ 2 - 14μm
TRANSMISSION = 10% @ 2 - 14μm
4. FINE GROUND SURFACE
5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
6. ROHS COMPLIANT



IR NEUTRAL DENSITY FILTER



SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2
SHAPE	PLANO	PLANO
SURFACE FLATNESS	3 - 5λ	3 - 5λ
SURFACE QUALITY	80-50	80-50
CLEAR APERTURE	Ø11.25	Ø11.25
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED



ALL DIMS IN

mm



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TITLE

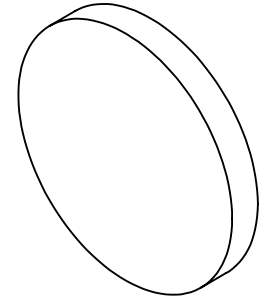
1.0 OD, 12.5mm DIA., IR NEUTRAL DENSITY
FILTER

DWG NO

12009

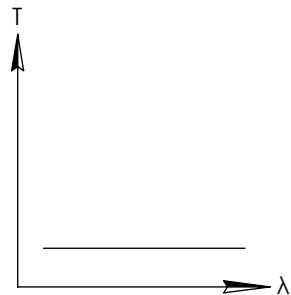
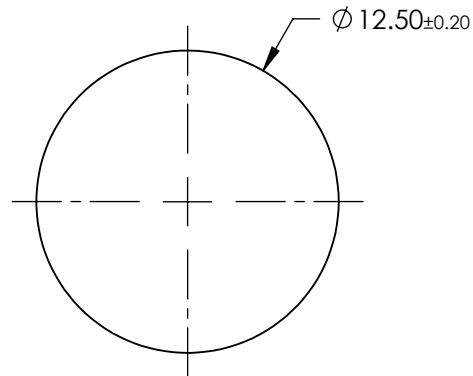
SHEET
1 OF 1

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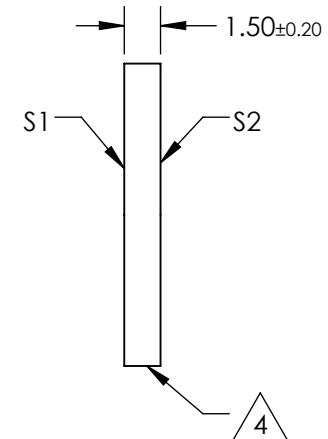


NOTES:

1. SUBSTRATE: GERMANIUM (Ge)
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN < 10 ARCMINS
3. COATING(APPLY ACROSS CLEAR APERTURE)
OPTICAL DENSITY = 1.3 @ 2 - 14 μ m
TRANSMISSION = 5% @ 2 - 14 μ m
4. FINE GROUND SURFACE
5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
6. ROHS COMPLIANT



IR NEUTRAL DENSITY FILTER



SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2
SHAPE	PLANO	PLANO
SURFACE FLATNESS	3 - 5 λ	3 - 5 λ
SURFACE QUALITY	80-50	80-50
CLEAR APERTURE	Ø11.25	Ø11.25
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED



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mm



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TITLE

1.3 OD, 12.5mm DIA., IR NEUTRAL DENSITY
FILTER

DWG NO

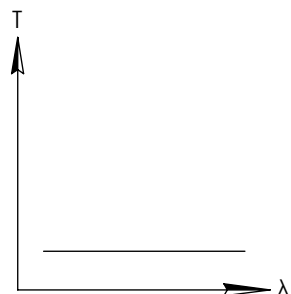
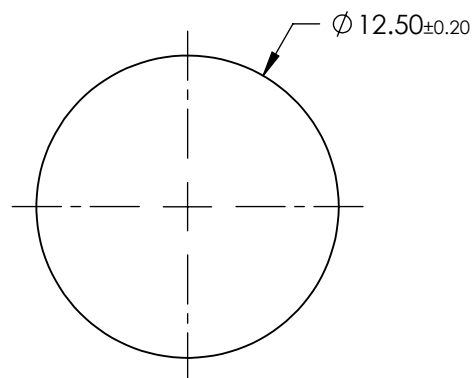
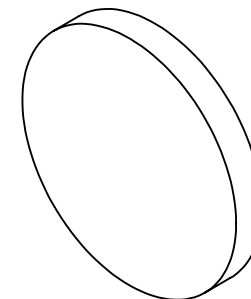
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SHEET
1 OF 1

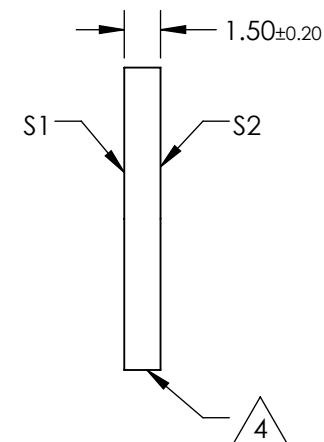
NOTES:

1. SUBSTRATE: GERMANIUM (Ge)
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN < 10 ARCMINS
3. COATING(APPLY ACROSS CLEAR APERTURE)
OPTICAL DENSITY = 1.5 @ 2 - 14 μ m
TRANSMISSION = 5% @ 2 - 14 μ m
4. FINE GROUND SURFACE
5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
6. ROHS COMPLIANT

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IR NEUTRAL DENSITY FILTER



SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2
SHAPE	PLANO	PLANO
SURFACE FLATNESS	3 - 5 λ	3 - 5 λ
SURFACE QUALITY	80-50	80-50
CLEAR APERTURE	Ø11.25	Ø11.25
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED



ALL DIMS IN mm

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TITLE

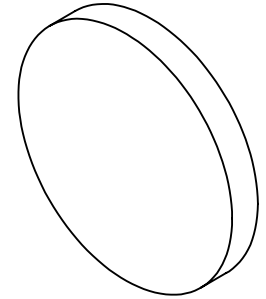
1.5 OD, 12.5mm DIA., IR NEUTRAL DENSITY
FILTER

DWG NO

12014

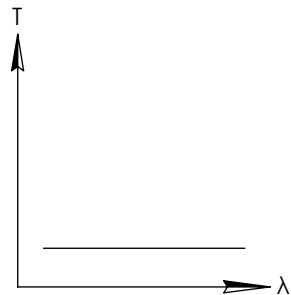
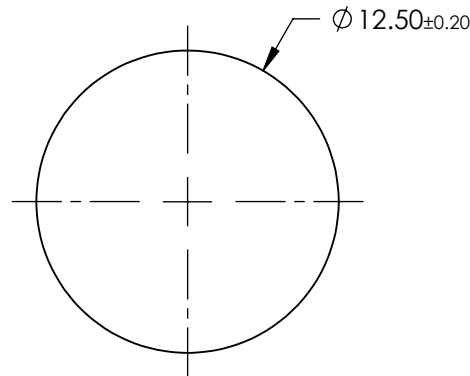
SHEET
1 OF 1

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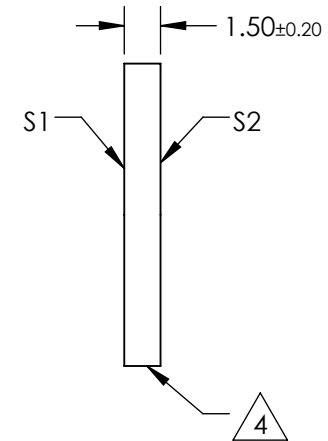


NOTES:

1. SUBSTRATE: GERMANIUM (Ge)
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN < 10 ARCMINS
3. COATING(APPLY ACROSS CLEAR APERTURE)
OPTICAL DENSITY = 2.0 @ 2 - 14μm
TRANSMISSION = 1% @ 2 - 14μm
4. FINE GROUND SURFACE
5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
6. ROHS COMPLIANT



IR NEUTRAL DENSITY FILTER



SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2
SHAPE	PLANO	PLANO
SURFACE FLATNESS	3 - 5λ	3 - 5λ
SURFACE QUALITY	80-50	80-50
CLEAR APERTURE	Ø11.25	Ø11.25
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED



ALL DIMS IN

mm



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TITLE

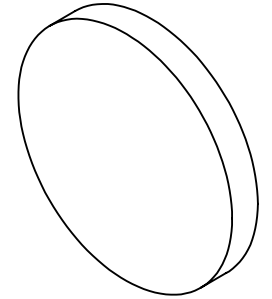
2.0 OD, 12.5mm DIA., IR NEUTRAL DENSITY
FILTER

DWG NO

12015

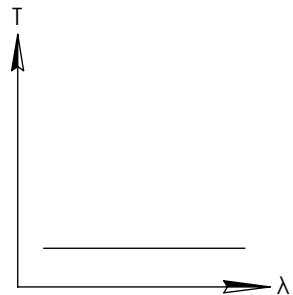
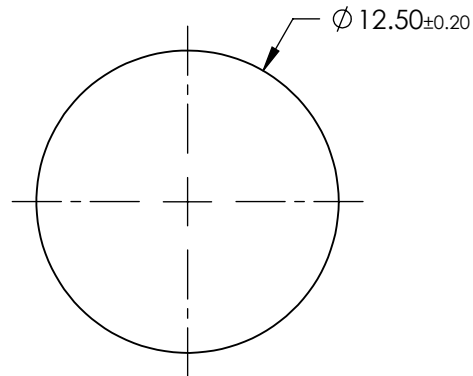
SHEET
1 OF 1

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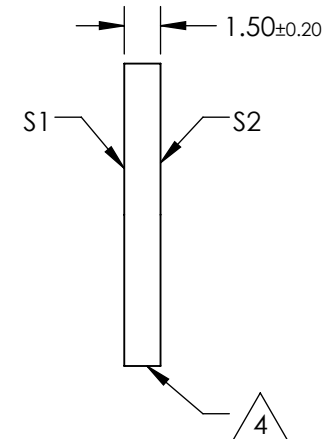


NOTES:

1. SUBSTRATE: GERMANIUM (Ge)
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN < 10 ARCMINS
3. COATING(APPLY ACROSS CLEAR APERTURE)
OPTICAL DENSITY = 3.0 @ 2 - 14μm
TRANSMISSION = 0.06% @ 2 - 14μm
4. FINE GROUND SURFACE
5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
6. ROHS COMPLIANT



IR NEUTRAL DENSITY FILTER



SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2
SHAPE	PLANO	PLANO
SURFACE FLATNESS	3 - 5λ	3 - 5λ
SURFACE QUALITY	80-50	80-50
CLEAR APERTURE	Ø11.25	Ø11.25
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED



ALL DIMS IN

mm



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TITLE

3.0 OD, 12.5mm DIA., IR NEUTRAL DENSITY
FILTER

DWG NO

12017

SHEET
1 OF 1