1. SUBSTRATE: HOYA GLASS: ND-70 FOR INFORMATION ONLY:
DO NOT MANUFACTURE
PARTS TO THIS DRAWING

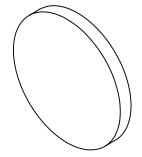
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN <0.02 mm

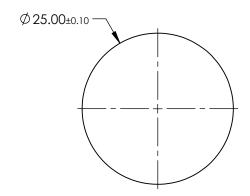
3. FINE GRIND SURFACE

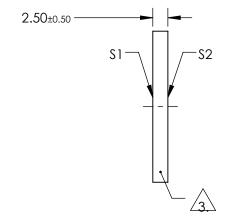
4. OPTICAL DENSITY: 0.15 ±0.03

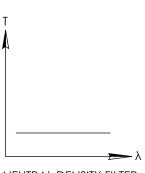
5. TRANSMISSION (%): 70 % AVERAGE FROM 400-700nm

6. ROHS COMPLIANT









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SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE DIMENSIONS ARE FOR REFERENCE ONLY

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|--------|---------|
| | |

| | \$1 | \$2 | | i | | OD 0.15, Ø25mm ABSORPTIVE ND FIL | TER |
|-----------------|----------------------|----------------------|------------------------|------------|--------|--|-----------------|
| SHAPE | PLANO | PLANO | THIRD ANGLE PROJECTION | \bigcirc | TITLE | 05 0.10, \$20111117 NB30KI 11VE NB 11E | LILK |
| SURFACE QUALITY | 80-50 | 80-50 | | ı | | | CHEET |
| BEVEL | PROTECTIVE AS NEEDED | PROTECTIVE AS NEEDED | ALL DIMS IN | mm | DWG NO | 46211 | SHEET 1 OF 1 |

1. SUBSTRATE: HOYA GLASS: ND-50

2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN <0.02 mm

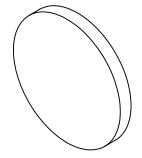
DO NOT MANUFACTURE PARTS TO THIS DRAWING

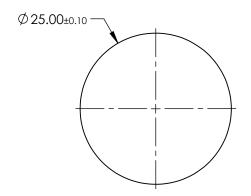
3. FINE GRIND SURFACE

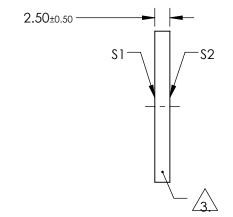
4. OPTICAL DENSITY: 0.3 ±0.05

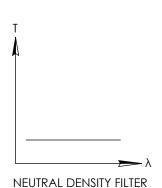
5. TRANSMISSION (%): 50 % AVERAGE FROM 400-700nm

6. ROHS COMPLIANT









SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE DIMENSIONS ARE FOR REFERENCE ONLY

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|----------------------|---|
|----------------------|---|

| | S1 | S2 | | | |
|-----------------|----------------------|----------------------|------------------------|------------|-------|
| SHAPE | PLANO | | THIRD ANGLE PROJECTION | \bigcirc | TITLE |
| SURFACE QUALITY | 80-50 | 80-50 | | I | |
| BEVEL | PROTECTIVE AS NEEDED | PROTECTIVE AS NEEDED | ALL DIMS IN | mm | DWG |

| _ | | | |
|---|------------------------|-----------------------|--|
| | | _ | |
| | THIRD ANGLE PROJECTION | $\bigoplus \bigoplus$ | |
| | | · · | |
| | ALL DIMS IN | mm | |

| ΓLE | OD 0.3, Ø25mm ABSORPTIVE ND FILTER |
|-----|------------------------------------|
| | |

| LEDING IN MIN DWG NO 160 | :E1 |
|----------------------------------|-----|
|----------------------------------|-----|

1. SUBSTRATE:

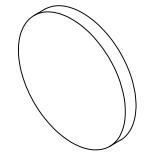
HOYA GLASS: ND-40

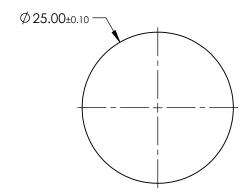
PARTS TO THIS DRAWING

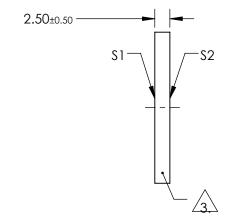
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN <0.02 mm

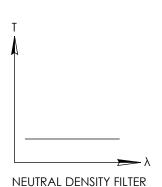


- 4. OPTICAL DENSITY: 0.4 ±0.05
- 5. TRANSMISSION (%): 40 % AVERAGE FROM 400-700nm
- 6. ROHS COMPLIANT









SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE DIMENSIONS ARE FOR REFERENCE ONLY

SHEET

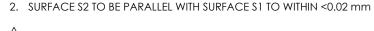
1 OF 1

| | 51 | \$2 | | 1 | | OD 0.4, Ø25mm ABSORPTIVE ND | FII TER |
|-----------------|----------------------|----------------------|------------------------|------------|--------|---------------------------------|------------|
| SHAPE | PLANO | PLANO | THIRD ANGLE PROJECTION | \bigcirc | TITLE | OB 0.4, Ø20Hill / NBOOKI HVE NB | TILILIX |
| SURFACE QUALITY | 80-50 | 80-50 | | 1 | | | CLIF |
| BEVEL | PROTECTIVE AS NEEDED | PROTECTIVE AS NEEDED | ALL DIMS IN | mm | DWG NO | 46213 | SHE 1 C |

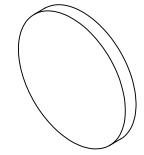
1. SUBSTRATE: HOYA GLASS: ND-25

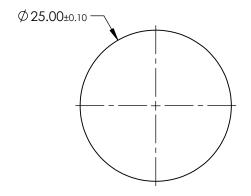
3. FINE GRIND SURFACE

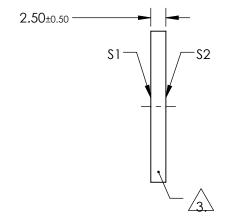
FOR INFORMATION ONLY:
DO NOT MANUFACTURE
PARTS TO THIS DRAWING

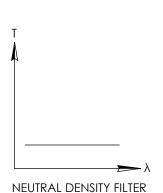


- 4. OPTICAL DENSITY: 0.6 ±0.05
- 5. TRANSMISSION (%): 25 % AVERAGE FROM 400-700nm
- 6. ROHS COMPLIANT









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|--|--------|---------|

SHEET 1 OF 1

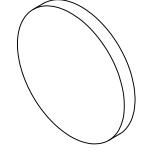
| | S1 | \$2 | | 1 | | OD 0.6, Ø25mm ABSORPTIVE ND | |
|-----------------|----------------------|----------------------|------------------------|------------|--------|-----------------------------------|------------|
| SHAPE | PLANO | PLANO | THIRD ANGLE PROJECTION | \bigcirc | TITLE | OB 0.0, \$25111117 (B30K) 117E ND | IILILIX |
| SURFACE QUALITY | 80-50 | 80-50 | | | | | CLIE |
| BEVEL | PROTECTIVE AS NEEDED | PROTECTIVE AS NEEDED | ALL DIMS IN | mm | DWG NO | 46214 | SHE 1 C |

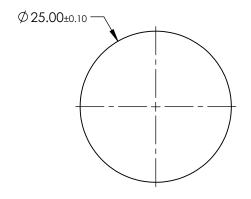
1. SUBSTRATE: HOYA GLASS: ND-13 FOR INFORMATION ONLY:
DO NOT MANUFACTURE
PARTS TO THIS DRAWING

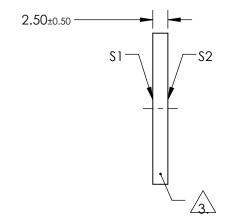
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN <0.02 mm

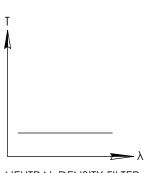


- 4. OPTICAL DENSITY: 0.9 ±0.1
- 5. TRANSMISSION (%): 12.5 % AVERAGE FROM 400-700nm
- 6. ROHS COMPLIANT









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|--|--------|---------|

| | \$1 | \$2 | THIRD ANGLE PROJECTION | | | OD 0.9, Ø25mm ABSORPTIVE ND FILTER | |
|-----------------|----------------------|----------------------|------------------------|----|--------|------------------------------------|-----------------|
| SHAPE | PLANO | PLANO | | | TITLE | | |
| SURFACE QUALITY | 80-50 | 80-50 | | 1 | | | CHEET |
| BEVEL | PROTECTIVE AS NEEDED | PROTECTIVE AS NEEDED | ALL DIMS IN | mm | DWG NO | 46215 | SHEET 1 OF 1 |

1. SUBSTRATE: HOYA GLASS: ND-0.3 FOR INFORMATION ONLY:
DO NOT MANUFACTURE
PARTS TO THIS DRAWING

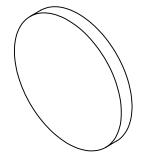
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN <0.02 mm

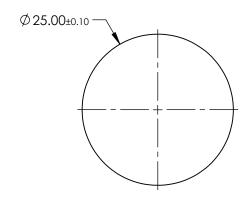
3. FINE GRIND SURFACE

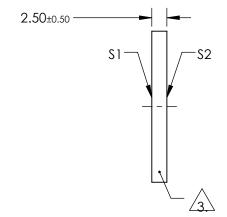
4. OPTICAL DENSITY: 2.5 ±0.05

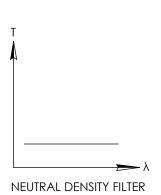
5. TRANSMISSION (%): 0.3 % AVERAGE FROM 400-700nm

6. ROHS COMPLIANT









SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE DIMENSIONS ARE FOR REFERENCE ONLY

SHEET 1 OF 1

| | | \$1 | \$2 | | | | OD 2.5, Ø25mm ABSORPTIVE ND FILT | |
|-----|---------------|----------------------|----------------------|------------------------|----|---------|------------------------------------|-----------|
| SH. | APE | PLANO | PLANO | THIRD ANGLE PROJECTION | | - TITLE | OB 2.3, Ø23HIH AB3OKI HVE ND HEIEK | |
| SU | RFACE QUALITY | 80-50 | 80-50 | | | | | CII |
| BE | VEL | PROTECTIVE AS NEEDED | PROTECTIVE AS NEEDED | ALL DIMS IN | mm | DWG NO | 46216 | SH 1 (|