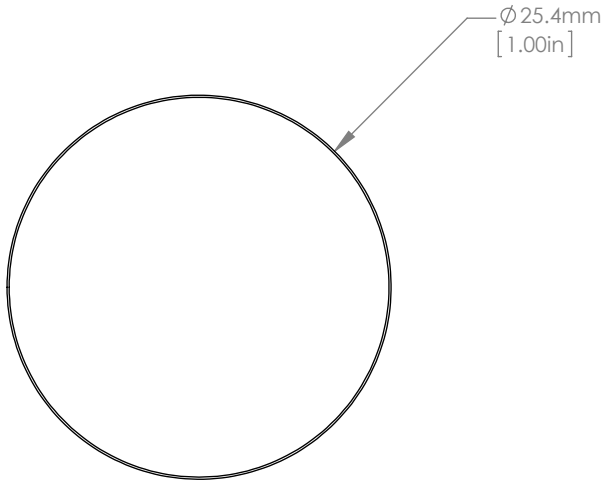
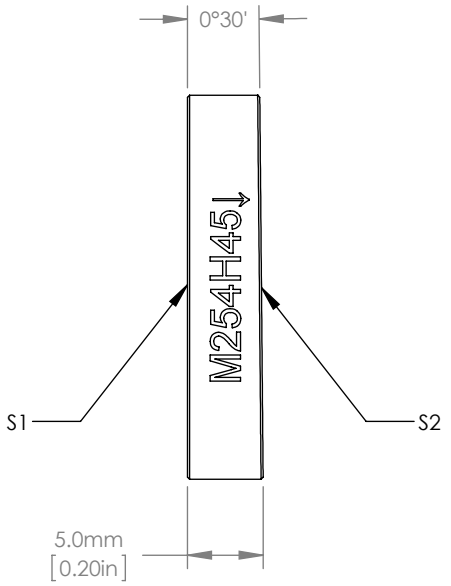



NOTES/SPECIFICATIONS:

1. CLEAR APERTURE: > ∅22.86mm
2. SURFACE QUALITY: 20-10 SCRATCH-DIG
3. SURFACE FLATNESS: <λ/10 AT 633nm
4. DIAMETER TOLERANCE: +0.00/-0.20mm
5. THICKNESS TOLERANCE: ±0.40mm
6. WEDGE TOLERANCE: ±10arcmin
7. FILTER COATING (S1):
   REFLECTION BAND (R): >97% AVERAGE, 710-1200nm
   TRANSMISSION BAND (T): >92% AVERAGE, 400-690nm
   45° AOI
8. AR COATING (S2):
   R: <2% ABSOLUTE, 400-800nm, 45° AOI

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

| DRAWING PROJECTION | | |
|---|---|---|
| | NAME | DATE |
| DRAWN | RJ | 05/MAR/12 |
| APPROVAL | RS | 22/MAR/16 |

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VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUNDOFF ERRORS

THORLABS
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∅1in HIGH QUALITY
HOT MIRROR, AOI: 45°

| MATERIAL | REV |
|---|---|
| UV GRADE FUSED SILICA | B |

| ITEM # | APPROX WEIGHT |
|---|---|
| M254H45 | 5.5 g |