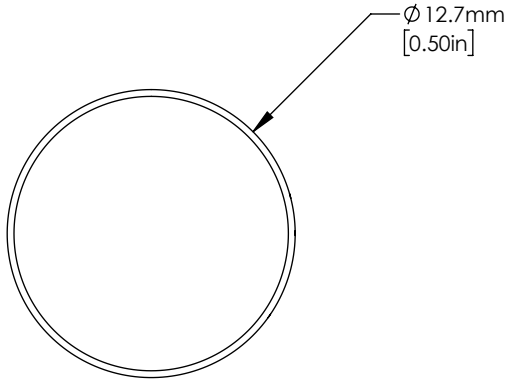
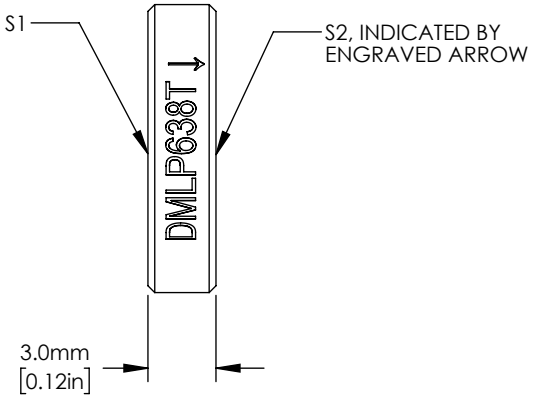


ISOMETRIC VIEW
SCALE 1:1




NOTES/SPECIFICATIONS:

1. CLEAR APERTURE: ≥Ø11.4 mm
2. SURFACE QUALITY (S1, S2): 40-20 SCRATCH-DIG
3. TRANSMITTED WAVEFRONT ERROR: <λ/4 AT 633 nm
4. PARALLELISM: <3 arcmin
5. DIAMETER TOLERANCE: +0.0/-0.2 mm
6. THICKNESS TOLERANCE: ±0.2 mm
7. FILTER COATING (S1):
   REFLECTION BAND (R): >95% AVERAGE, >90% ABSOLUTE 580-621 nm
   TRANSMISSION BAND (T): >90% AVERAGE, >85% ABSOLUTE 655-800 nm
   AOI: 45˚
8. AR COATING (S2):
   R: <2% ABSOLUTE 400-800 nm
   AOI: 45˚

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

| DRAWING PROJECTION | | |
|---|---|---|
| | NAME | DATE |
| DRAWN | CS | 13/SEP/12 |
| APPROVAL | ES | 23/JUL/25 |

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VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUNDOFF ERRORS

THORLABS
www.thorlabs.com

Ø12.7 mm DICHROIC MIRROR, LONGPASS, 638 nm

| MATERIAL | REV |
|---|---|
| UV FUSED SILICA | G |

| ITEM # | APPROX WEIGHT |
|---|---|
| DMLP638T | 1 g |