

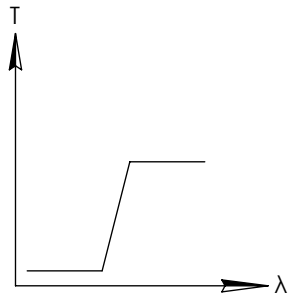
NOTES:

1. SUBSTRATE
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN 5 arcsec
3. COATING (APPLY ACROSS COATING APERTURE)
ENVIRONMENTAL DURABILITY:
PHYSICAL DURABILITY:
PERFORMANCE SPECIFICATIONS:
T(avg): >85% FROM 880 - 1600nm FOR RANDOM POLARIZATION @ 45° AOI
T(abs): >80% FROM 880 - 1600nm FOR ALL POLARIZATIONS @ 45° AOI
R(avg): >97% FROM 635 - 805nm FOR RANDOM POLARIZATION @ 45° AOI
R(abs): >95% FROM 635 - 805nm FOR ALL POLARIZATIONS @ 45° AOI
T(abs): = 50% 850nm @ 45° AOI

S1: HARD COATED
S2: SINGLE LAYER MgF2

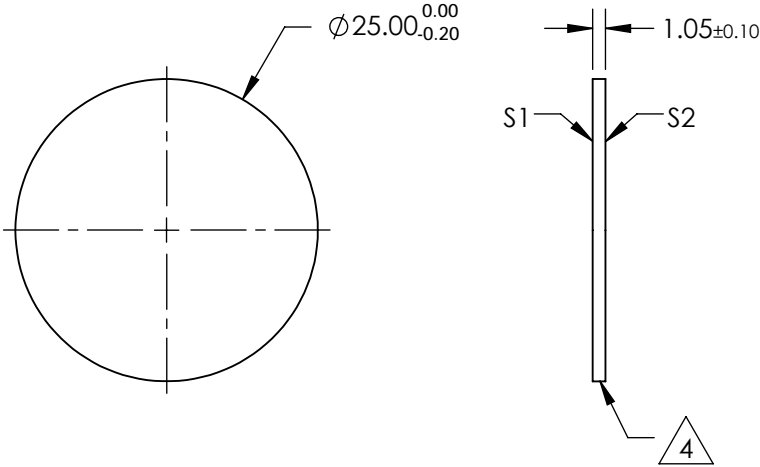
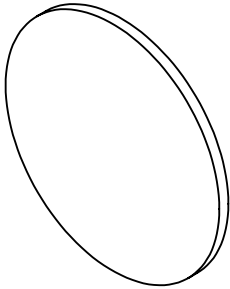
4. FINE GRIND SURFACE

5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS
APPLY ACROSS CLEAR APERTURE
6. TRANSMITTED WAVEFRONT DISTORTION RMS@ 632.8nm $\leq \frac{1}{4} \lambda$
7. ROHS COMPLIANT




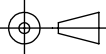
LONGPASS FILTER

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



SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

| | S1 | S2 |
|-----------------|----------------------|----------------------|
| SHAPE | PLANO | PLANO |
| SURFACE QUALITY | 60-40 | 60-40 |
| CLEAR APERTURE | Ø22.00 | Ø22.00 |
| BEVEL | PROTECTIVE AS NEEDED | PROTECTIVE AS NEEDED |

| | | | |
|--|----|--------|---------------------------------------|
|  | | | |
| THIRD ANGLE PROJECTION  | | TITLE | Ø25mm, 850nm DICHROIC LONGPASS FILTER |
| ALL DIMS IN | mm | DWG NO | 69895 |
| | | | SHEET 1 OF 1 |