

NOTES:

1. SUBSTRATE:
Sapphire (Al₂O₃)
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN ≤ 3.5 ARCMIN
3. COATING (APPLY ACROSS CLEAR APERTURE)

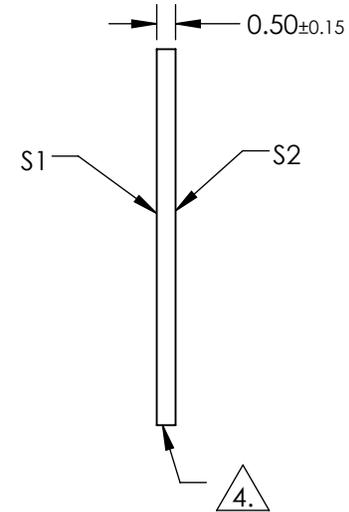
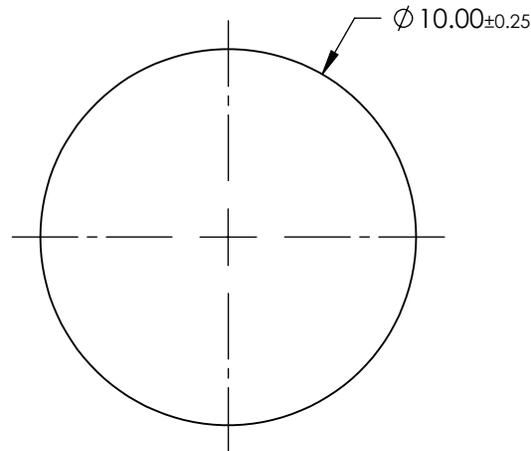
S1 & S2: R(AVG) ≤ 0.25% @ 880nm
 R(AVG) ≤ 1.25% @ 400 - 870nm
 R(AVG) ≤ 1.25% @ 890 - 1000nm



FINE GRIND SURFACE

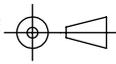
5. ROHS COMPLIANT

**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 |
| CLEAR APERTURE | Ø9.00 | Ø9.00 |
| SURFACE FLATNESS | 2λ | 2λ |
| SURFACE QUALITY | 80-50 | 80-50 |
| BIREFRINGENCE (n _o -n _e) | 0.008 | 0.008 |
| BEVEL | PROTECTIVE AS NEEDED | PROTECTIVE AS NEEDED |

THIRD ANGLE PROJECTION 

ALL DIMS IN mm



| | | |
|--------|---|--------------|
| TITLE | 10mm Dia., 0.5mm Thick, VIS-NIR AR Coated Sapphire Window | |
| DWG NO | 20765 | SHEET 1 OF 1 |