

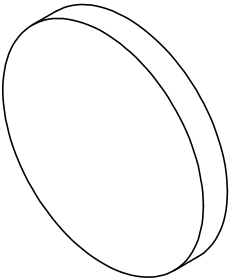
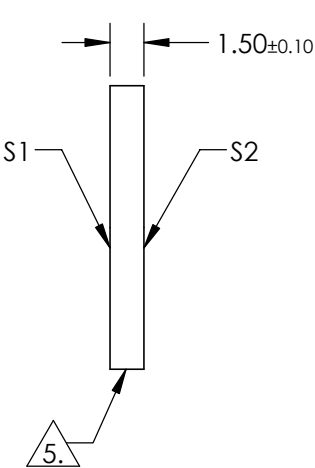
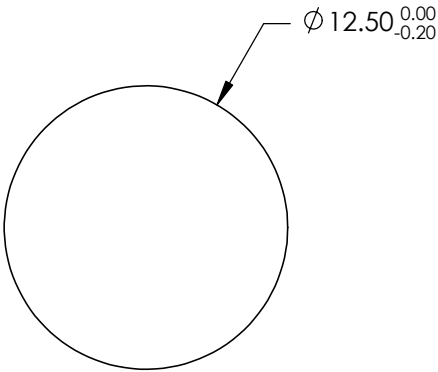
NOTES:

- 1. SUBSTRATE: FUSED SILICA
- 2. SURFACE S1 TO BE PARALLEL WITH SURFACE S2 TO WITHIN <5 ARCSEC
- 3. ENVIRONMENTAL REQUIREMENTS:
  - S1 & S2: HDAR (400-1100nm)
  - ADHESION: PER MIL-M-13508C PARA 4.4.6
  - ABRASION: SEVERE PER MIL-C-675C PARA 4.5.10
  - HUMIDITY: PER MIL-C-675C PARA 4.5.8
  - SALT SOLUBILITY: PER MIL-C-675C PARA 4.5.7
  - SALT SPRAY: PER MIL-C-675C PARA 4.5.9
  - TEMPERATURE CYCLE: PERMIL-M-13508C PARA 4.4.4
- 4. REFLECTION PERFORMANCE ACROSS CLEAR APERTURE ON CENTER

S1 & S2:  
R(AVG) <1.5% @ 400 - 1100nm  
R(ABS) <2.0% @ 400 - 1100nm

5. FINE GRIND SURFACE

6. 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                  |                                                                                                                             |        |  Edmund Optics® |  |  |
| SHAPE           | PLANO               | PLANO               | <div>THIRD ANGLE<br/>PROJECTION</div>  | TITLE  | 12.5mm Dia., 1.5mm Thick, 400-1100nm HDAR<br>Coated Fused Silica Window                              |  |  |
| SURFACE QUALITY | 20-10               | 20-10               |                                                                                                                             | DWG NO | 29976                                                                                                |  |  |
| CLEAR APERTURE  | Ø 10.00             | Ø 10.00             |                                                                                                                             |        |                                                                                                      |  |  |
| BEVEL           | PROTECTED AS NEEDED | PROTECTED AS NEEDED | ALL DIMS IN                                                                                                                 | mm     | SHEET<br>1 OF 1                                                                                      |  |  |