NOTES:

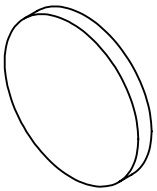
1. SUBSTRATE: UV GRADE FUSED SILICA
2. COATING (APPLY ACROSS COATING APERTURE)

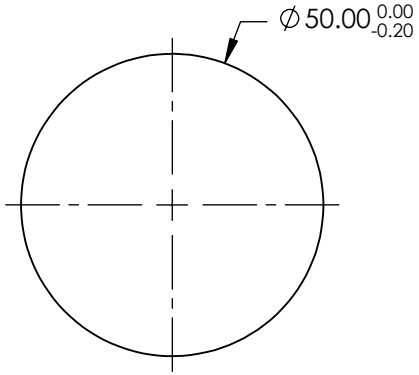
   DURABILITY: MIL-C-48497A, SECT. 3.4.1

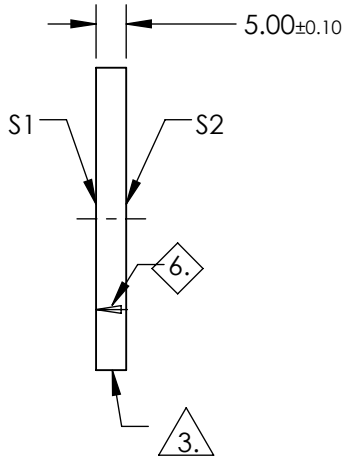
   PERFORMANCE SPECIFICATIONS @ 0° AOI
   T(AVG): ≥91% FROM 300 - 490nm
   T(AVG): ≤0.01% FROM 512 - 715nm
   CUT-OFF SLOPE: <1%
   CUT-OFF WAVELENGTH: 500nm ± 1%

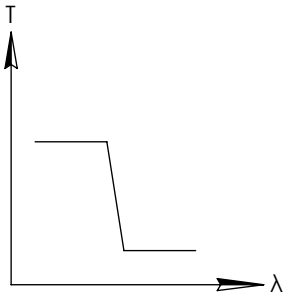
3. FINE GRIND SURFACE
4. TRANSMITTED WAVEFRONT DISTORTION RMS @ ≤λ/4 (prior to coating)
5. ROHS COMPLIANT
6. ARROW POINTS TOWARDS THE FILTER COATED SURFACE

FOR INFORMATION ONLY:
DO NOT MANUFACTURE PARTS TO THIS DRAWING









SHORTPASS FILTER

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2
SHAPE	PLANO	PLANO
SURFACE QUALITY	60-40	60-40
CLEAR APERTURE	>80%	>80%
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

Edmund Optics®

THIRD ANGLE PROJECTION

TITLE: 500nm 50mm Diameter, OD 4 Shortpass Filter

ALL DIMS IN: mm

DWG NO: 84719

SHEET 1 OF 1