

NOTES:

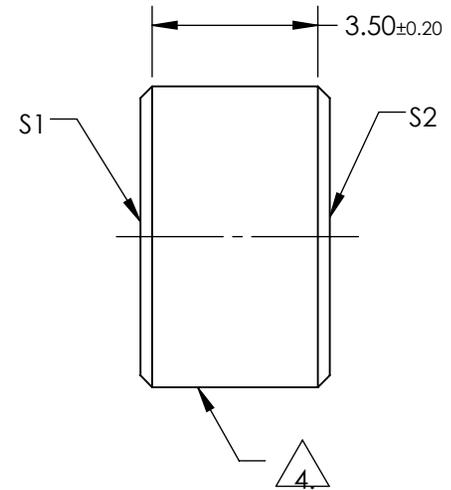
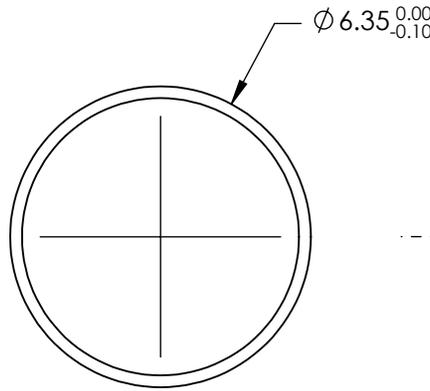
1. SUBSTRATE:  
FUSED SILICA
2. S2 TO BE PARALLEL TO S1 TO WITHIN <3 ARCMIN
3. COATING (APPLY ACROSS COATING APERTURE)  
S1: Dielectric Mirror (750-1100nm)  
R(AVG) >98% @ 750 - 1100nm (0 - 45°)  
R(AVG) >99% @ 750 - 1100nm (0°)

DAMANGE THRESHOLD,  
PULSED: 1 J/cm<sup>2</sup> @ 1064nm, 20ns, 20Hz

S2: NONE

4. FINE GROUND SURFACE

5. CLEAR APERTURE AND COATING APERTURE ARE CENTERED ON SURFACE
6. SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
7. 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
SURFACE QUALITY	20-10	COMMERCIAL POLISH
SURFACE FLATNESS	0.10 WAVE	N/A
CLEAR APERTURE	Ø5.35	N/A
COATING APERTURE	Ø5.35	N/A
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

THIRD ANGLE PROJECTION

ALL DIMS IN mm

Edmund Optics®

TITLE: 6.35mm DIA. 750 - 1100nm BROADBAND λ/10 MIRROR

DWG NO: 39192

SHEET 1 OF 1