

NOTES:

1. SUBSTRATE:  
FUSED SILICA

2. SURFACE S2 TO BE PARALLEL TO S1 TO WITHIN <3 ARCMIN

3. COATING (APPLY ACROSS CLEAR APERTURE)

Surface 1: Rabs: >95% @ 266nm, Tabs: >98% @ 532nm, Tabs: >98% @ 1064nm  
Surface 2: Rabs: <1.0% @ 532nm, Rabs <1.0% @ 1064nm

DAMAGE THRESHOLD, PULSED

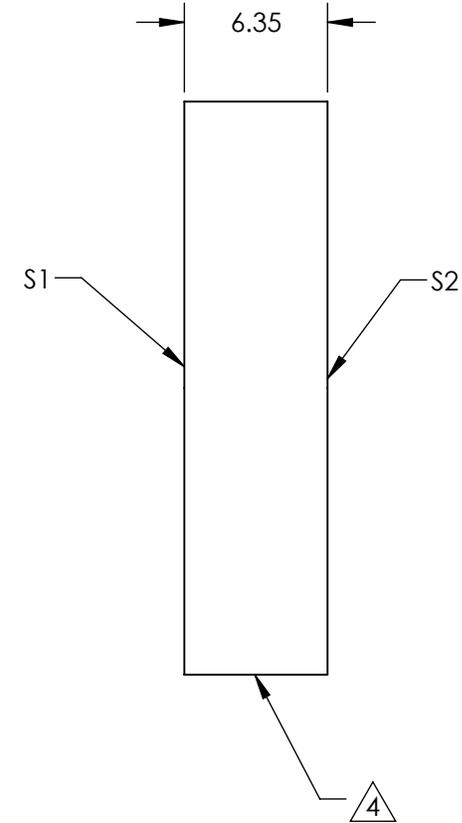
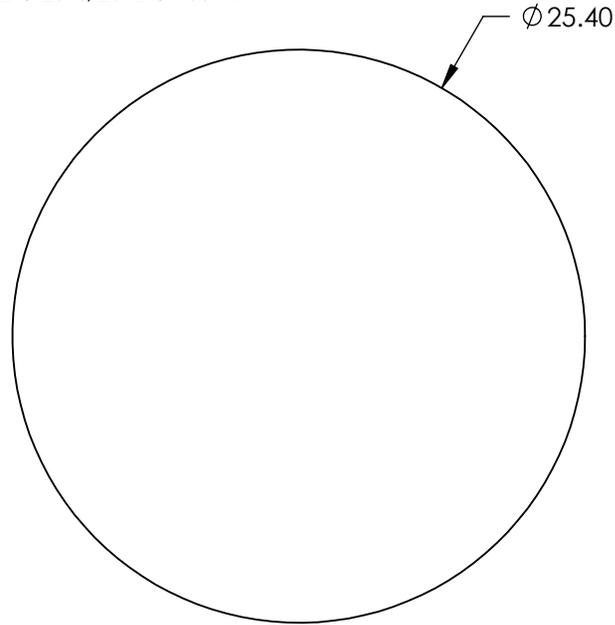
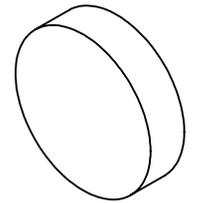
Surface 1: 1 J/cm<sup>2</sup> @ 266nm, 20ns, 20Hz 5 J/cm<sup>2</sup> @ 532nm, 20ns, 20Hz 7.5 J/cm<sup>2</sup> @ 1064nm, 20ns, 20Hz

Surface 2: 10 J/cm<sup>2</sup> @ 20ns, 20Hz @ 532nm 15 J/cm<sup>2</sup> @ 20ns, 20Hz @ 1064nm

4. FINE GRIND SURFACE

5. FOCAL LENGTH TOLERANCE:

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
SHAPE	PLANO	PLANO
SURFACE QUALITY	10-5	10-5
CLEAR APERTURE	>90 %	>90 %
COATING APERTURE	>90 %	>90 %
BEVEL	PROTECTED AS NEEDED	PROTECTED AS NEEDED



ALL DIMS IN mm

TITLE	25.4mm DIA., 532 & 1064nm T, 266nm R 0DEG Harmonic Separator
DWG NO	22659
SHEET 2 OF 8	