

NOTES:

1. SUBSTRATE:  
FUSED SILICA
2. SURFACE S2 TO BE PARALLEL TO S1 TO WITHIN <3 ARCMIN
3. COATING (APPLY ACROSS COATING APERTURE)

S1: R(ABS) > 95% @ 266nm @ 45° AOI  
 T(ABS) > 98% @ 532nm @ 45° AOI  
 T(ABS) > 98% @ 1064nm @ 45° AOI

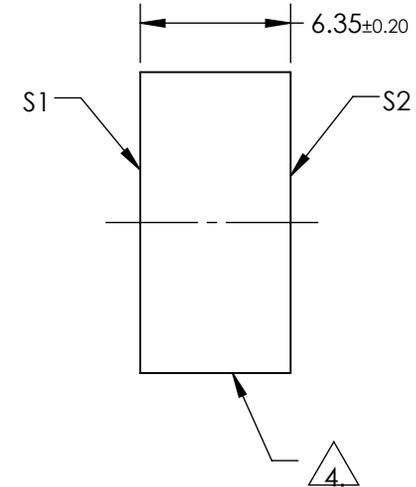
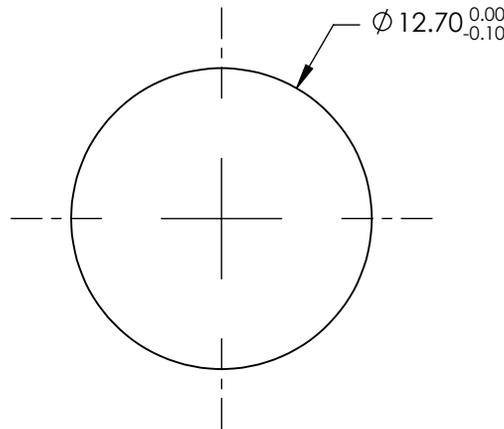
DAMAGE THRESHOLD, PULSED:  
 7.5 J/cm<sup>2</sup> @ 20ns, 20Hz @ 1064nm  
 5 J/cm<sup>2</sup> @ 20ns, 20Hz @ 532nm  
 1 J/cm<sup>2</sup> @ 20ns, 20Hz @ 266nm

S2: R(ABS) < 1.0% @ 1064nm @ 45° AOI  
 R(ABS) < 1.0% @ 532nm @ 45° AOI

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

4. FINE GRIND SURFACE

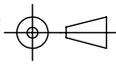
5. ROHS COMPLIANT



**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
SURFACE ACCURACY P-V AT 632.8nm	0.10 WAVE	0.10 WAVE
SURFACE QUALITY	10-5	10-5
CLEAR APERTURE	Ø11.43	Ø11.43
COATING APERTURE	Ø11.43	Ø11.43
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

THIRD ANGLE PROJECTION 

ALL DIMS IN mm

 **Edmund Optics®**

TITLE: Ø12.7mm HS 266R/532, 1064T HARMONIC BEAMSPLITTER

DWG NO: 11545

SHEET 1 OF 1