

NOTES:

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

S1:  
 $R_s > 99.9\%$  @ 1900 - 2200nm @ 45° AOI  
 $R_p > 99.6\%$  @ 1940 - 2100nm @ 45° AOI

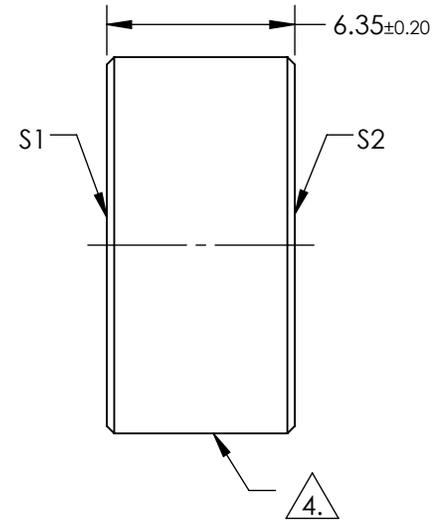
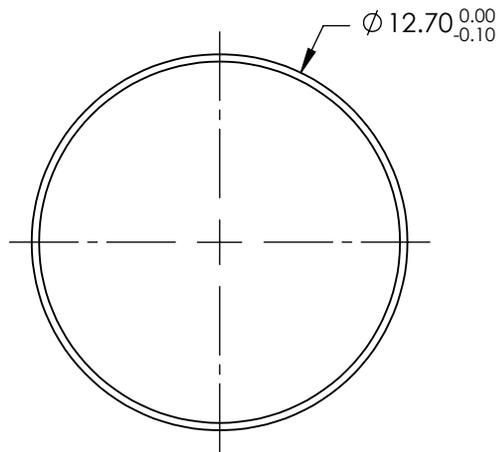
DAMAGE THRESHOLD, PULSED:  
 $>10\text{J}/\text{cm}^2$  @ 10ns, 10Hz, 2000nm

S2: COMPENSATING COATING

 FINE GRIND SURFACE

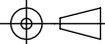
5. RoHS: COMPLIANT

**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
CLEAR APERTURE	Ø11.70	N/A
SURFACE QUALITY	40-20	N/A
SURFACE FLATNESS	$\lambda/7$	N/A
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

THIRD ANGLE PROJECTION 

ALL DIMS IN

mm



**Edmund Optics®**

TITLE

12.7mm 2µm MIRROR 45 DEG

DWG NO

37501

SHEET  
1 OF 1