

NOTES:

1. SUBSTRATE: ALUMINUM 6061-T6

2. COATING  
BARE GOLD

R(AVG) > 94% @ 700 - 800nm  
R(AVG) > 97% @ 800 - 2000nm  
R(AVG) > 98% @ 2 - 12µm

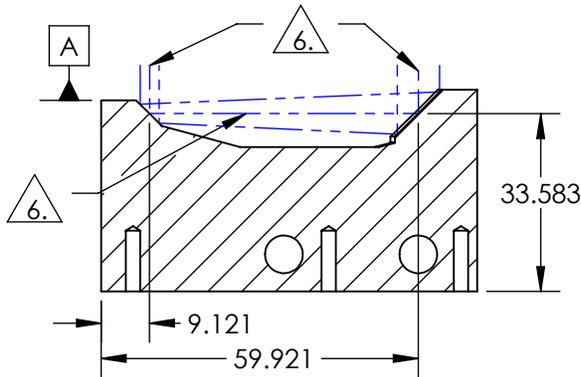
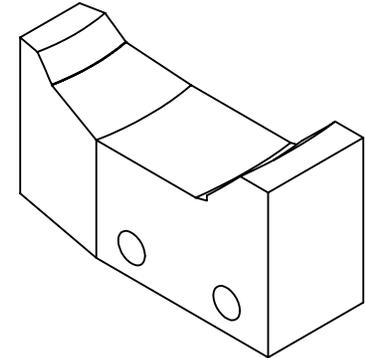
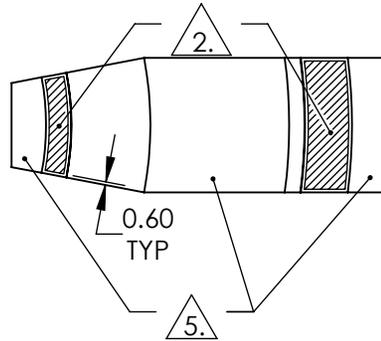
3. SURFACE ROUGHNESS: <math>< 50 \text{ \AA} \text{ RMS}</math>

4. SYSTEM SHALL BE ALIGNED TO DATUM [A] WITH REFLECTED WAVEFRONT ERROR OF  $\leq 1/10$  WAVE AT 632.8 nm FOR  $\phi 1$ mm INPUT BEAM.

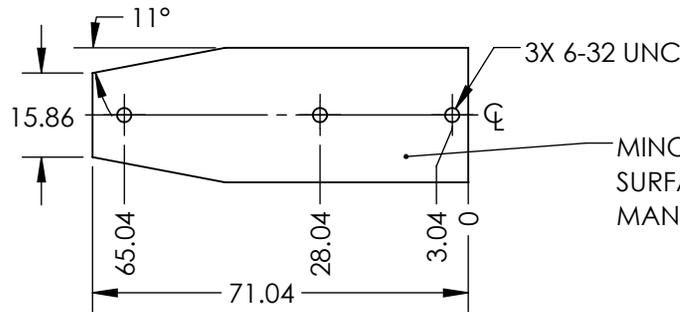
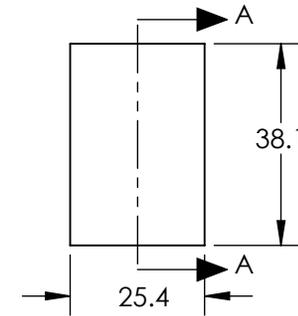
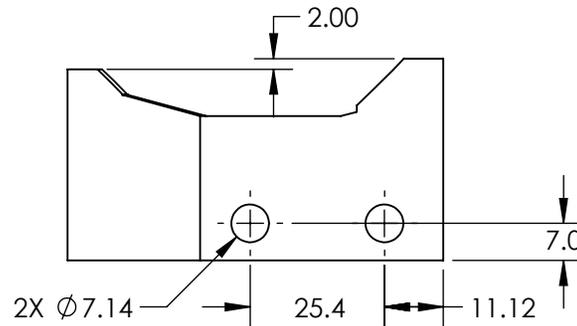
5. INTERGRATED ALIGNMENT FLATS

6. OPTICAL CENTER LINE

7. RoHS COMPLIANT



SECTION A-A  
OPTICAL CENTER LINE



MINOR SCRATCHES ON THE NON-OPTICAL SURFACE MIGHT BE PRESENT DUE TO THE MANUFACTURING PROCESS.

**FOR INFORMATION ONLY:  
DO NOT MANUFACTURE  
PARTS TO THIS DRAWING**

SPECIFICATIONS SUBJECT TO  
CHANGE WITHOUT NOTICE  
DIMENSIONS ARE FOR  
REFERENCE ONLY

**EO**® Edmund Optics®

REV. A	S1
SHAPE	MONOLITHIC
BEVEL	PROTECTIVE AS NEEDED

THIRD ANGLE PROJECTION	
ALL DIMS IN	mm

TITLE	2X, Bare Gold Canopus™ Reflective Beam Expander	
DWG NO	37189	SHEET 1 OF 1