

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

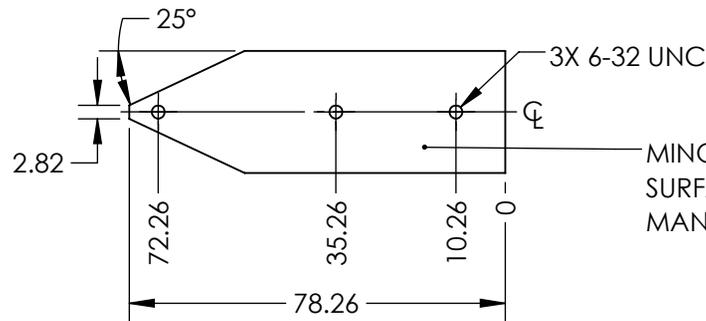
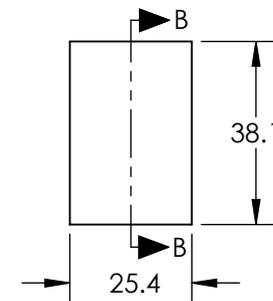
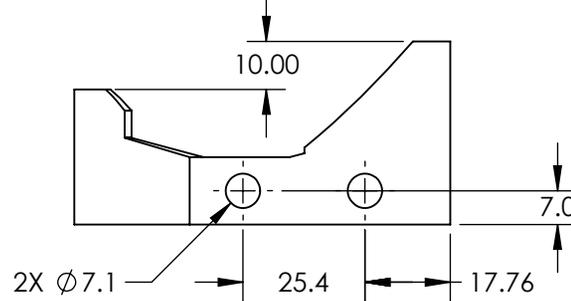
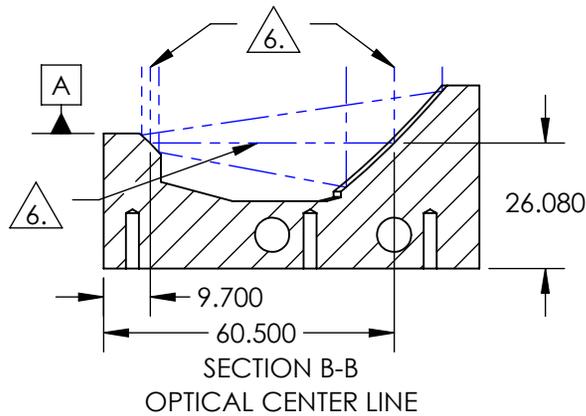
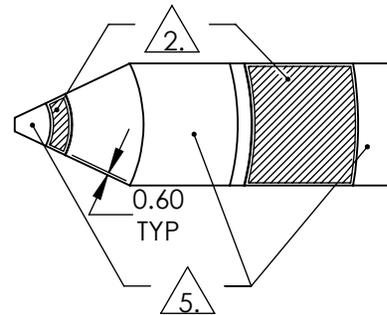
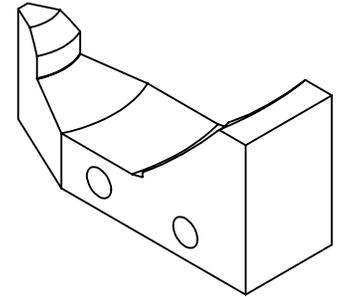
3. SURFACE ROUGHNESS: <math>< 50 \text{ \AA} \text{ RMS}</math>

4. SYSTEM SHALL BE ALIGNED TO DATUM **A**  
WITH REFLECTED WAVEFRONT ERROR OF  $\leq 1/8$   
WAVE AT 632.8 nm FOR  $\varnothing 1\text{mm}$  INPUT BEAM.

5. INTEGRATED ALIGNMENT FLATS

6. OPTICAL CENTER LINE

7. RoHS COMPLIANT



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

**Edmund Optics®**

REV. A	S1
SHAPE	MONOLITHIC
BEVEL	PROTECTIVE AS NEEDED

THIRD ANGLE PROJECTION	
ALL DIMS IN	mm

TITLE	5X, Bare Gold Canopus™ Reflective Beam Expander	
DWG NO	37192	SHEET 1 OF 1