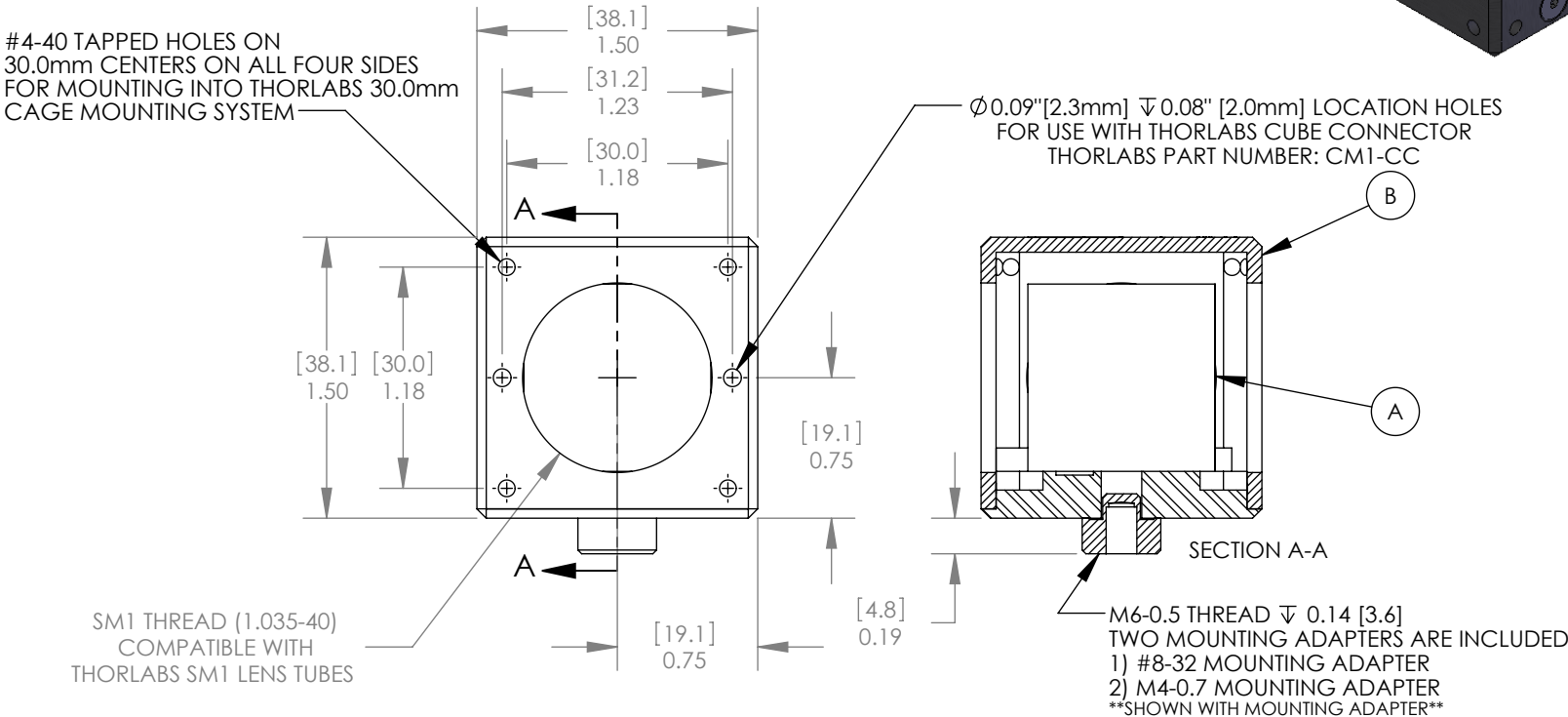
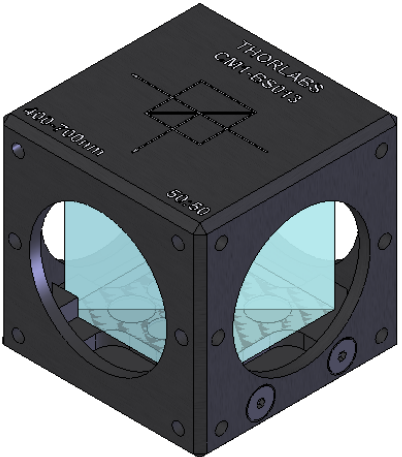
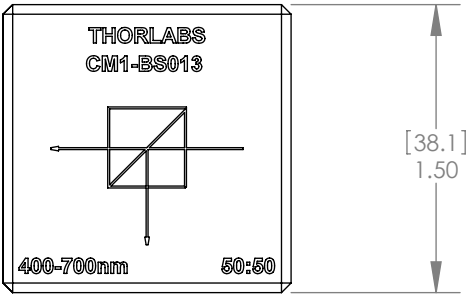


	ITEM	MATERIAL
(A)	BEAMSPLITTER THORLABS P/N# BS013	N-BK7
(B)	MECHANICAL HOUSING	BLACK ANODIZED 6061-T6 ALUMINUM



NOTES/SPECIFICATIONS:
 1. OPTIC IS ALIGNED FOR REFLECTIVE BEAMS TO EXIT AT 90° ±20 arcmin

OPTICAL SPECIFICATIONS:
 2. WAVELENGTH RANGE: 400-700nm
 3. SPLIT RATIO: 50:50
 4. CLEAR APERTURE: > 80% OF FACE LENGTH & WIDTH
 5. SURFACE FLATNESS: $\lambda/10$ OVER CLEAR APERTURE
 6. SURFACE QUALITY: 40-20 SCRATCH-DIG

DIMENSIONS ARE IN: $\frac{[mm]}{in}$

	NAME	DATE
DRAWN	GG	09/09/09
ENG APPR.	BAG	09/10/09
MFG APPR.	DD	09/14/09

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THORLABS INC. PO BOX 366
 NEWTON NJ

**TITLE: MOUNTED 25.4mm 50:50
 CUBE BEAMSPLITTER 400-700nm**

MATERIAL: SEE TABLE SIZE A REV. A

SCALE: 1:1 SHEET 1 OF 1

DWG. NO. 20403-E01 PART NO. CM1-BS013