

UNIBODY LITTROW LASER -- DIODE MOUNTING BLOCK

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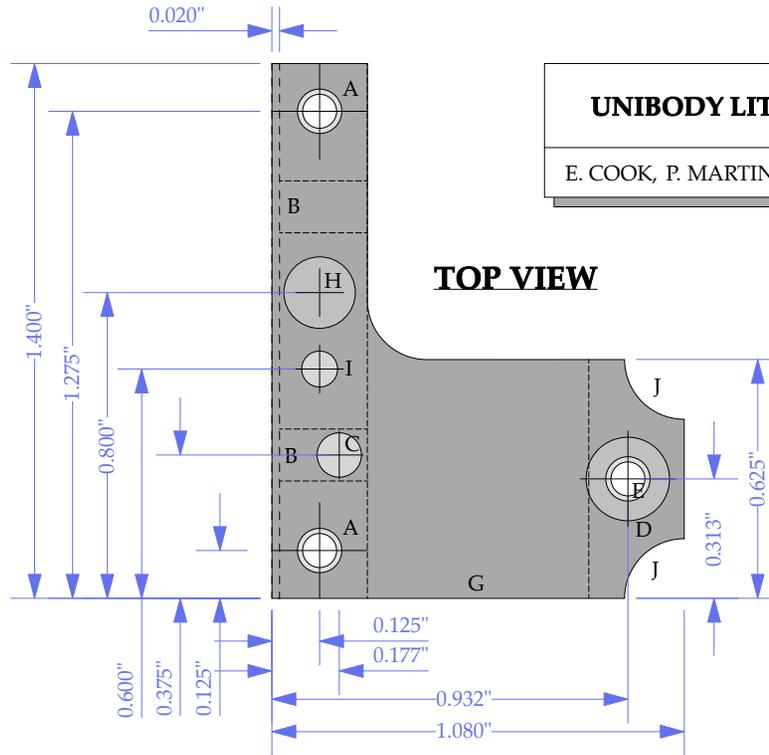
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NOTES:

- A: 4-40 clearance, 0.655" deep; 4-40 tapped through remaining material, as shown.
- B: 8-32 tapped through to hole G.
- C: 4-40 clearance, through to hole B (for venting).
- D: 4-40 clearance, through to slot F, with 0.230" deep counterbore
- E: 4-40 tapped, with maximum thread depth possible.
- F: Gap is centered vertically; dimension not critical.
- G: $\text{Ø } 0.580" +0.005"/-0.000"$ through.
- H: $\text{Ø } 0.187"$ hole, 0.140" deep with flat bottom (use 3/16" end mill).
- I: $\text{Ø } 0.094"$ hole, 0.375" deep; shape of bottom not critical.
- J: $\text{Ø } 0.313"$ section removed from corners as shown; size and dimension not critical.

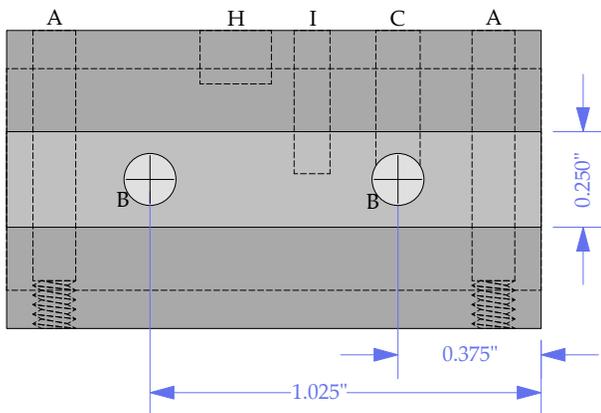
ADDITIONAL NOTES:

1. Material is 6061-T6 aluminum. Starting block is 1.40"x0.78"x1.08".
2. Standard tolerance is 0.005" unless otherwise noted.
3. Surfaces labeled "contact surface" should be made very flat (i.e. cut with a fly cutter then lap flat).

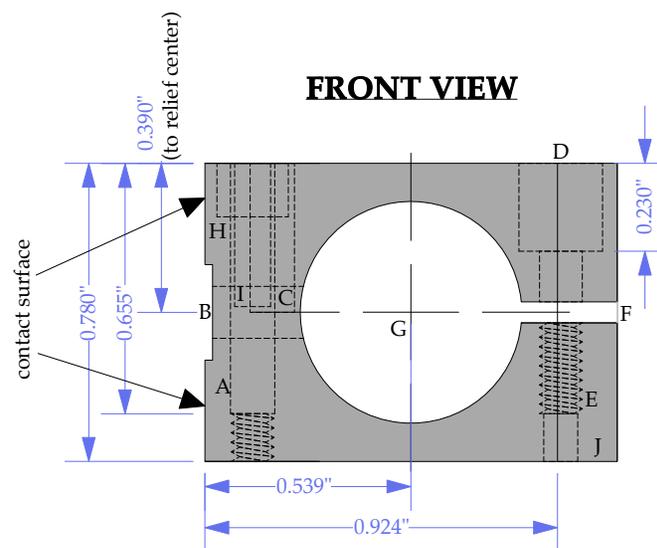


TOP VIEW

LEFT SIDE VIEW



FRONT VIEW



RIGHT SIDE VIEW

