

CPS Technologies

Aerospace and Microelectronics CNC Milling

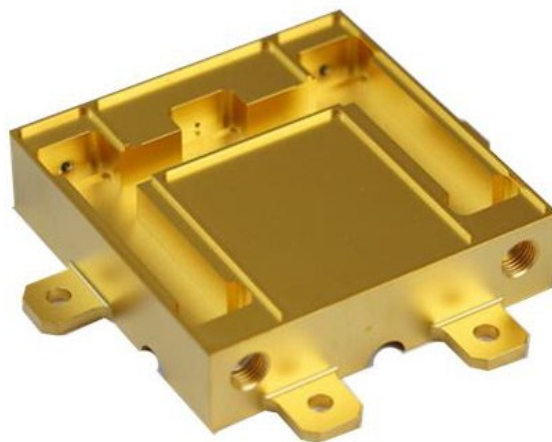
CPS Technologies is a premier provider ultra precision CNC milled components for aerospace and microelectronic applications. Our Norton, Massachusetts site has multiple machining centers capable of processing CUI/ITAR components

Machining Envelope:

- 3-Axis Milling: X:36" x Y:18" x Z:15"
- 5-Axis Milling: X:24" x Y:17" x Z:15"

Tolerances:

- ISO 2768 (-m, -f) Standard
- Minimum Thread Size: M1
- Ultra-Precise Tolerances of ± 0.0005 " available



Finish:

- As Machined: 16 μ m
- Media Blasted: 32 μ m (Satin)
- Various Plated Finishes

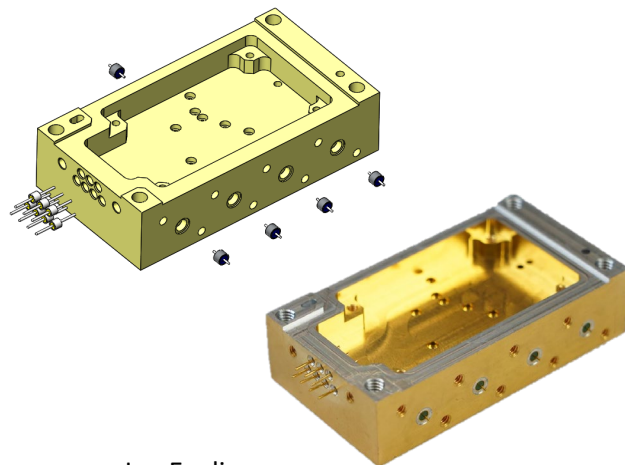
Materials include:

- | | |
|------------------|----------------------------|
| ➤ Aluminum | ➤ Copper |
| ➤ Kovar | ➤ Brass |
| ➤ Thermoplastics | ➤ Steel |
| ➤ Composites | ➤ Select Refractory Metals |

Design Support

CPS has extensive experience in developing hermetic packages for microelectronic applications. Our team of engineers is capable of assisting in the development of reliable, manufacturable components. Our expertise includes:

- Model and Drawing Generation
- CNC and Inspection Programming
- Material Selection
- Design for Manufacturability (DFM)



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