

## MODULE DIAGRAM

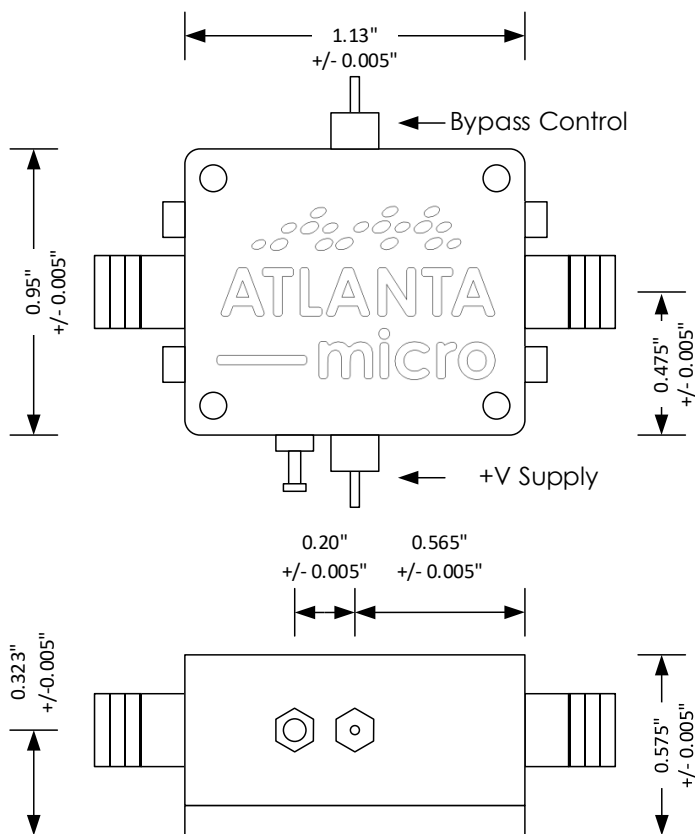
### Bypassable Amplifier



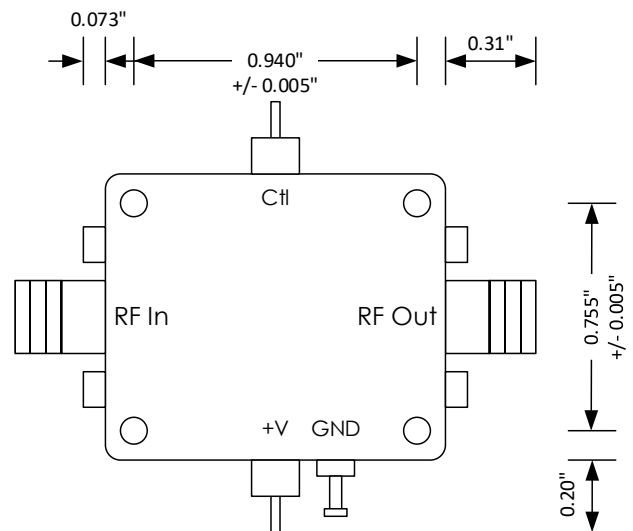
## RF SHIELDED MODULE DETAILS



Top View



Bottom View



#### Notes:

1. All dimensions shown are in inches
2. Module material: Aluminum
3. Mounting Holes: 4-40 threaded on top side, holes fully threaded
4. RF I/O Interface: SMA
5. Power via front metal turrets
6. Bypass control via back metal turret

STATE TABLE

Bypass Control	State
Low (0 V)	Amplifier Bypassed
High (+V Supply)	Amplifier Enabled

REVISION HISTORY

Date	Revision	Notes
April 8, 2020	1	Initial Release
October 2, 2023	2	Tolerance updated. SMA screws shown.
April 8, 2024	3	Added missing dimension. Module height modified to reflect latest revisions. Note about thread depth added.
August 14, 2024	4	Changed to Mercury branding. No content changes.

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