



NORTEC

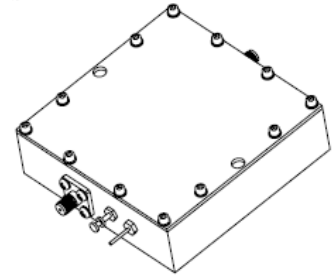
RF Products

High Gain General Purpose Amplifier

Model #: A110015000-0

Electrical Specifications

- Frequency:** 100-200 MHz
- P1dB:** 7 Watts (38.5 dBm) (minimum)
- Gain:** 44 dB (min)
- Gain Flatness:** +/- 0.5 dB
- DC Current:** 1.85A
- Input VSWR :** 2.5:1 MAX
- Supply Voltage:** 12 V (12.5 V max.)
- Absolute Max. Input RF:** -5 dBm

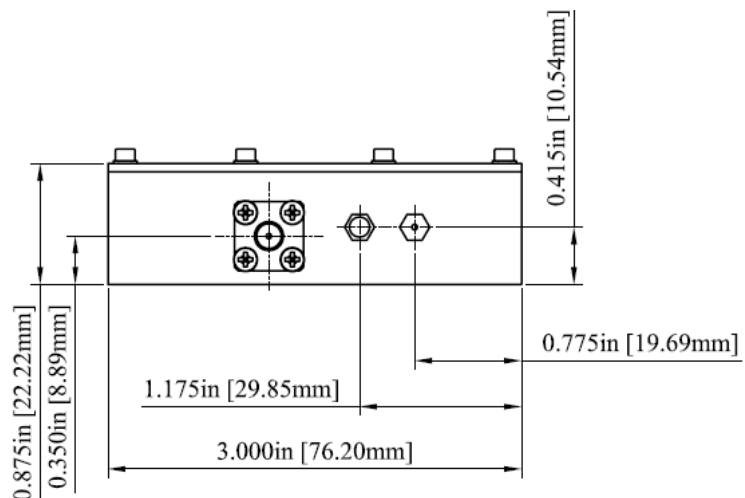
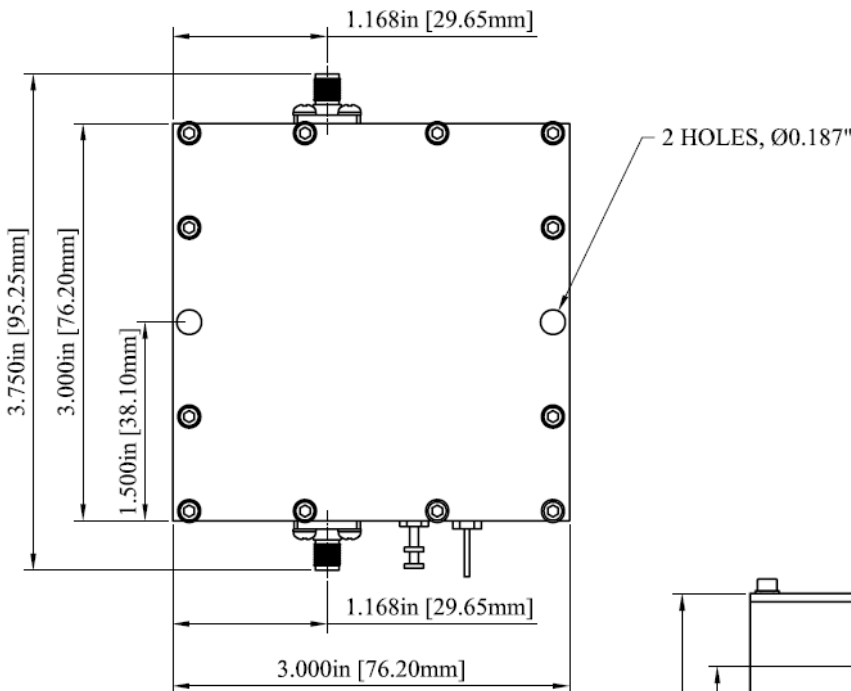


Mechanical Specifications

- Connectors:** SMA (F)
- Enclosure:** Aluminum – clear irridite per MIL-C-5541 class 3

NOTES

- The amplifier requires a small heat sink for cooling.
- Over-supply voltage protection.
- Over-current protection.
- Input/output ports should have 50 Ohm source/load, respectively.
- Open load is not recommended.
- Operating temperature is -35° C to 75° C





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