



NORTEC

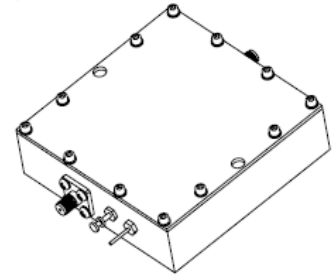
RF Products

Medium Gain General Purpose Amplifier

Model #: A100043000-0

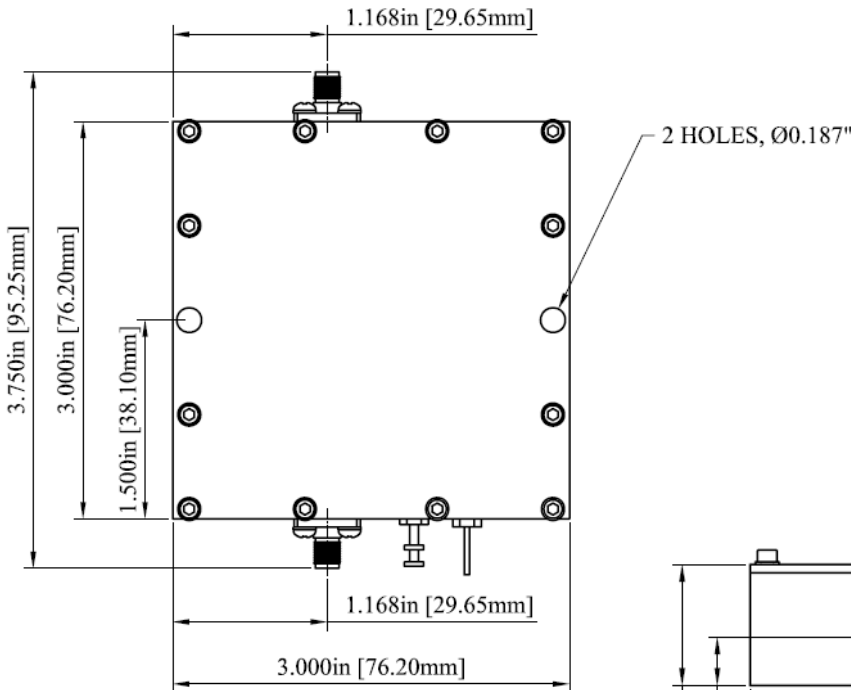
Electrical Specifications

- Frequency:** 360-500 MHz
- P1dB:** 4 Watts (36 dBm) (minimum)
- Gain:** 21.0 dB (min.)
- Gain Flatness:** +/- 2.0 dB
- Input VSWR:** 2.5:1 MAX
- Max DC current:** 1.9 A
- Supply Voltage:** 12 V (12.5 V max.)
- Absolute Max. Input RF:** 15 dBm



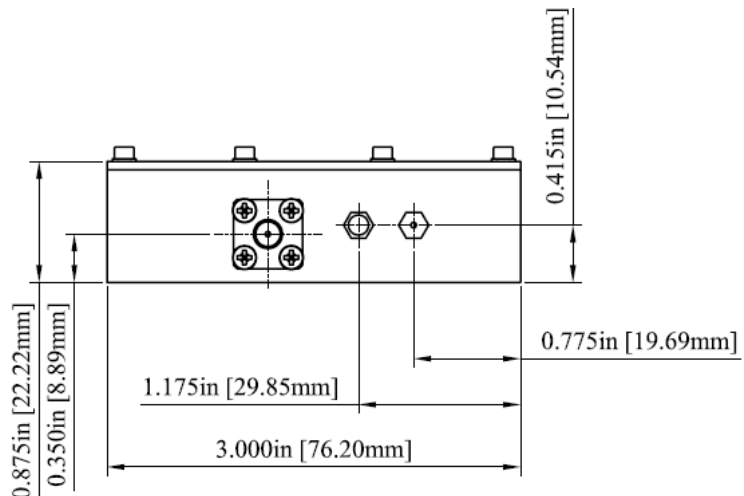
Mechanical Specifications

- 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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