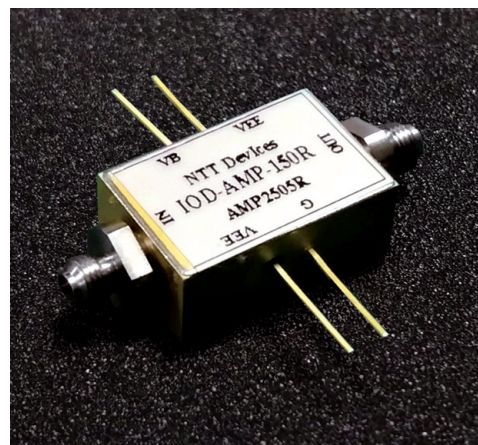


# 150GHz-Baseband Amplifier

High-frequency baseband amplifiers up to 150 GHz provide high-precision signal processing with broadband and low noise.

These amplifiers are used in next-generation communications, optical communications, and millimeter-wave/sub-THz evaluation applications. They are core devices that support faithful reproduction of modulated signals and high signal quality.



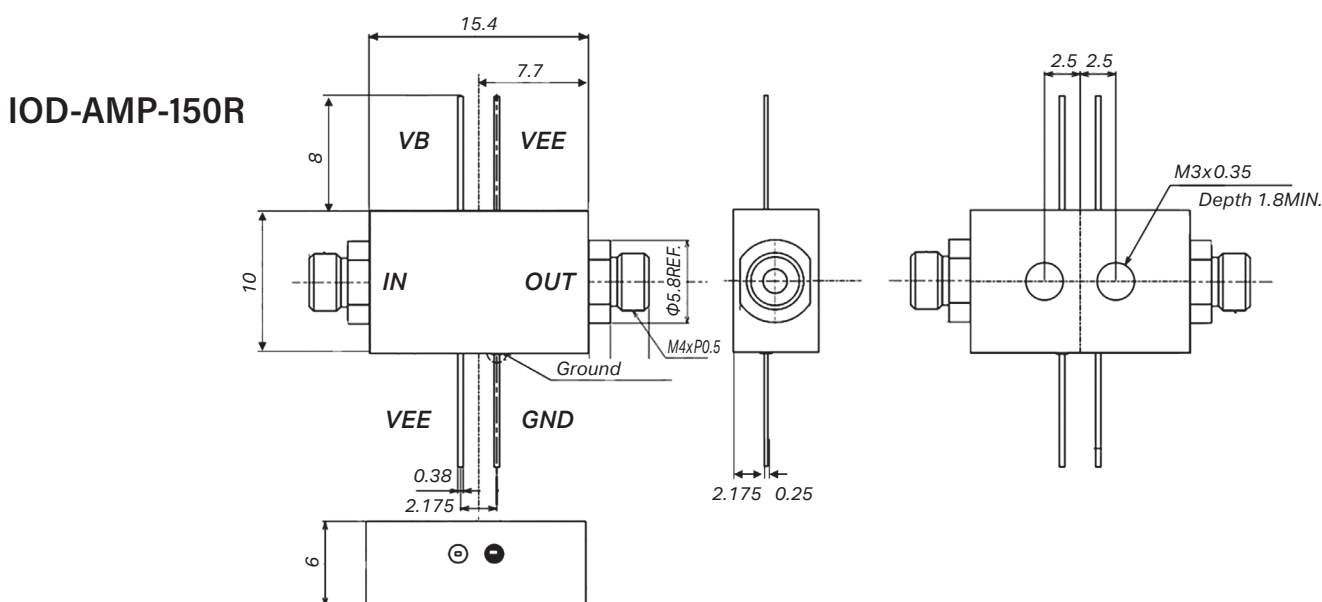
## FEATURES

- Ultra-broadband and flat gain from 320kHz to 150GHz
- Linear amplifier with single-end input and output
- Small package size
- 0.8mm co-axial connector interfaces for RF ports

## SPECIFICATIONS

Item	Specifications *Tentative value
Power Supply Voltage	-4.5V / -1.5V
Power Supply Current	140mA / 15mA*
3dB Bandwidth	~ 150GHz*
Gain	~ 6dB

## OUTSIDE DIMENSIONS



### NTT Innovative Devices Corporation

Aquaria Tower Yokohama, 1-1-32 Shin-urashimacho,  
Kanagawa-ku, Yokohama-shi, Kanagawa, 221-0031, Japan

E-mail: [projectj-p@ntt-devices.com](mailto:projectj-p@ntt-devices.com) <https://www.ntt-innovative-devices.com/en/>



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