

0.5 To 20 GHz 10dBm Power Amplifier with 30dB Small Signal Gain

Our Product Introduction

Basic Information

- Place of Origin: CHINA
- Brand Name: ZR Hi-Tech
- Model Number: LT-PA-005200-G30P10
- Minimum Order Quantity: 1
- Packaging Details: carton packing
- Delivery Time: 4 weeks
- Payment Terms: T/T



LT-PA-005200-G30P10

Product Specification

- Product Name: LT-PA Series Power Amplifier
- Application: Wireless Communication
- Material: Aluminum
- Temperature: -40~85
- Frequency Range: 0.5 To 20 GHz
- Color: Silver
- Highlight: 13.56mhz rf amplifier, 18 ghz rf amplifier, high frequency rf amplifier

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Product Description

0.5 To 20 GHz 10dBm Power Amplifier with 30dB Small Signal Gain

Product Overview

The LT-PA-005200-G30P10 is a high-performance RF power amplifier designed for wireless communication applications, featuring a broad frequency range of 0.5 to 20 GHz and 30dB small signal gain.

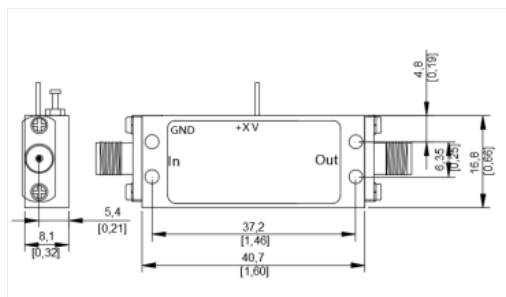
Key Features

- Aluminum housing for durability and heat dissipation
- Customizable frequency options available
- Wide operating temperature range: -40 to +85
- 30dB small signal gain with ± 2.5 dB flatness
- 10dBm output power capability
- Compliance with CE, RoHS, and REACH standards
- Includes 1-year manufacturer warranty

Technical Specifications

| Parameter | Specification | Conditions |
|-----------------------|-----------------------|------------|
| Part Number | LT-PA-005200-G30P10 | |
| Configuration | Module with Connector | |
| Frequency Range | 0.5 to 20 GHz | |
| Small Signal Gain | 30 dB | |
| Gain Flatness | ± 2.5 dB | |
| Output Power | 10 dBm | |
| Input Power | 20 dBm | |
| VSWR | 2.5:1 | |
| Power Supply | +12V / TBD mA | |
| Operating Temperature | -45 to +85 | |
| Dimensions | 40.7 × 16.8 × 8.1 mm | |

Physical Dimensions



Note: Custom specifications are available upon request. Please contact us directly for tailored solutions.



17342580638



info@zrhitech.com



zrhitech.com

Room 507, Advanced Technology Achievement Western Transformation Center, No. 36 Xingke South Road,
Jinniu District, Chengdu, Sichuan, China