



25.5 To 27 GHz 18dBm Power Amplifier with 20 dB Small Signal Gain

Our Product Introduction

Basic Information

- Place of Origin: CHINA
- Brand Name: ZR Hi-Tech
- Model Number: LT-PA-255270-G20P18
- Minimum Order Quantity: 1
- Packaging Details: carton packing
- Delivery Time: 4 weeks
- Payment Terms: T/T



LT-PA-255270-G20P18

Product Specification

- Product Name: LT-PA Series Power Amplifier
- Application: Wireless Communication
- Material: Aluminum
- Temperature: -40~85
- Frequency Range: 25.5 To 27 GHz
- Color: Silver
- Highlight: 25.5 To 27 GHz Power Amplifier ,
18dBm Power Amplifier ,
25.5 GHz Power Amplifier

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The LT-PA-255270-G20P18 is a high-performance RF power amplifier designed for wireless communication applications, featuring a frequency range of 25.5 to 27 GHz with excellent signal gain characteristics.

Durable **aluminum housing** for robust protection

Flexible **customizable frequency** options available

Wide **operating temperature range** (-40 to +85)

Consistent **20dB small signal gain**

Compliance with **CE, RoHS, and REACH** standards

Includes **1-year warranty** for quality assurance

Parameter	Specification	Conditions
Part Number	LT-PA-255270-G20P18	
Configuration	Module with Connector	
Frequency Range	25.5 to 27 GHz	
Small Signal Gain	20 dB	
Gain Flatness	±1.5 dB	
Output Power	18 dBm	
Input Power	15 dBm	
VSWR	2.0:1	
Power Supply	+12V / 100mA	
Operating Temperature	-40 to +70	
Dimension	34.4*16.8*8.1 mm	

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

The technical drawing shows two views of the SMD package. The top view includes dimensions for the overall width (8.1 [0,32]), mounting pad diameter (5.4 [0,21]), distance between pads (30.9 [1,22]), and total length (34.4 [1,35]). It also labels electrical pins: GND, +X V, in, and Out. A hole dimension is given as 4.0_{-0.2}^{+0.5}. The side view shows a height of 16.8 [0,66] and a footprint width of 8.35.



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