

0.5 To 12 GHz SPDT Absorptive PIN Diode Switch

Our Product Introduction

Basic Information

- Place of Origin: CHINA
- Brand Name: ZR Hi-Tech
- Model Number: LT-SWDTA-005120S
- Minimum Order Quantity: 1
- Packaging Details: carton packing
- Delivery Time: 4 weeks
- Payment Terms: T/T



LT-SWDTA-005120S

Product Specification

- Product Name: LT-SW Series PIN Diode Switch
- Application: Wireless Communication
- Material: Aluminum
- Temperature: -40~85
- Frequency Range: 0.5 To 12 GHz
- Color: Silver
- Highlight: spdt pin diode switch, pin diode spdt switch, 12GHz pin diode switch

Product Description

0.5 To 12 GHz SPDT Absorptive PIN Diode Switch

Product Overview

The LT-SW series PIN Diode Switch is designed for wireless communication applications, featuring an aluminum housing and operating temperature range of -40 to +85 .

Key Features

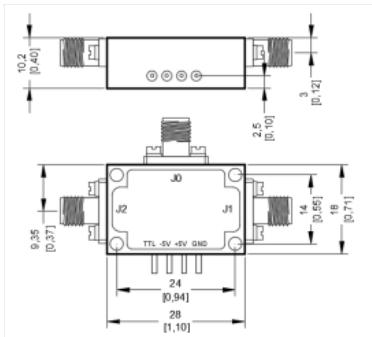
- Frequency range: 0.5 to 12 GHz
- Aluminum housing for durability
- Customizable frequency options
- Fast switching time of 100ns
- Compliance with CE, RoHS, and REACH standards
- 1-year warranty included

Technical Specifications

| Parameter | Specification | Conditions |
|---------------------|---------------------------|------------|
| Part Number | LT-SWDTA-005120S | |
| Type | Absorptive | |
| Configuration | SPDT | |
| Frequency Range | 0.5 to 12 GHz | |
| Insertion Loss | 2.8 dB | |
| Isolation | 60 dB | |
| Switching Speed | 100 ns | |
| Control | TTL | |
| Input/Output VSWR | 2.0:1 | |
| Input Power | 1 W | |
| Power Supply (Bias) | +5V / 100mA -5V / 50mA | |
| Dimensions | 28 x 18 x 10.2 mm | |

Note: For custom specifications, please contact us directly.

Outline Drawing





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