

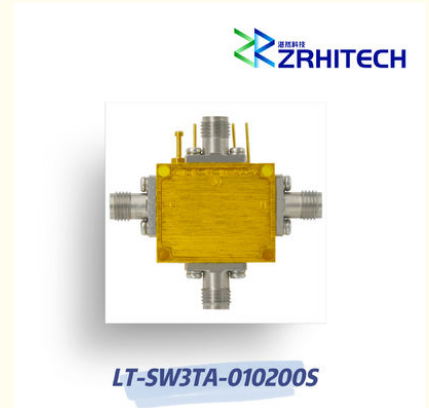
1 To 20 GHz SP3T Absorptive PIN Diode Switch

Our Product Introduction

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Basic Information

- Place of Origin: CHINA
- Brand Name: ZR Hi-Tech
- Model Number: LT-SW3TA-010200S
- Minimum Order Quantity: 1
- Packaging Details: carton packing
- Delivery Time: 4 weeks
- Payment Terms: T/T



Product Specification

- Product Name: LT-SW Series PIN Diode Switch
- Application: Wireless Communication
- Material: Aluminum
- Temperature: -40~85
- Frequency Range: 1 To 20 GHz
- Color: Silver
- Highlight: **SP3T PIN Diode Switch,
PIN Diode SP3T Switches,
High Reliability PIN Diode Switch**

Product Description

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Key Features

- Aluminum housing for durability
- Customizable frequency options
- Wide operating temperature range (-40 to +85)
- Fast switching time of 100ns
- Compliance with CE, RoHS, and REACH standards
- 1-year manufacturer warranty

Product Description

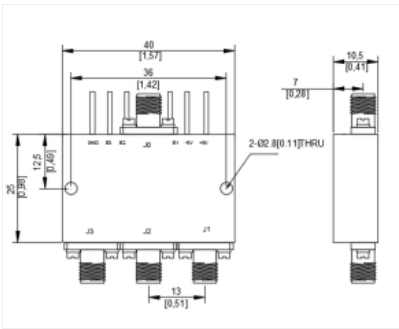
The LT-SW3TA-010200S is a high-performance absorptive PIN diode switch designed for wireless communication applications. Operating in the 1 to 20 GHz frequency range, it offers excellent isolation of 60 dB and rapid switching speed of 100ns. The device requires a power supply bias of +5V/150mA and -5V/50mA.

Technical Specifications

| Parameter | Specification | Conditions |
|---------------------|---------------------------|------------|
| Part Number | LT-SW3TA-010200S | |
| Type | Absorptive | |
| Configuration | SP3T | |
| Frequency Range | 1 to 20 GHz | |
| Insertion Loss | 3.4 dB | |
| Isolation | 80 dB | |
| Switching Speed | 100 ns | |
| Control | PIN | |
| Input/Output VSWR | 2.0:1 | |
| Input Power | 1.0 W | |
| Power Supply (Bias) | +5V / 150mA -5V / 50mA | |
| Dimension | 40x25x10.5mm | |

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

Outline Drawing



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