



1 To 20 GHz SP3T Absorptive PIN Diode Switch

Our Product Introduction

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



LT-SW3TA-010200S

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

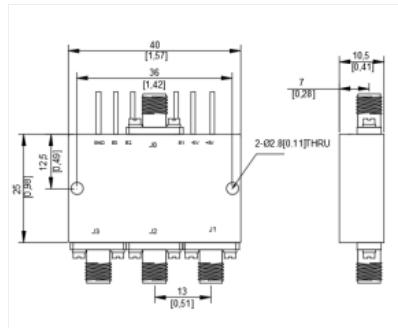
The LT-SW3TA-010200S is a high-performance absorptive PIN diode switch designed for wireless communication applications. Operating in the 1 to 20 GHz frequency range, it offers excellent isolation of 60 dB and rapid switching speed of 100ns. The device requires a power supply bias of +5V/150mA and -5V/50mA.

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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