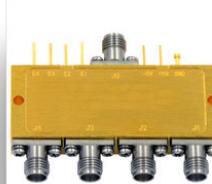


0.5 To 20 GHz SP4T Absorptive PIN Diode Switch

Our Product Introduction

Basic Information

- Place of Origin: CHINA
- Brand Name: ZR Hi-Tech
- Model Number: LT-SW4TA-005200S
- Minimum Order Quantity: 1
- Packaging Details: carton packing
- Delivery Time: 4 weeks
- Payment Terms: T/T



LT-SW4TA-005200S

Product Specification

- Product Name: LT-SW Series PIN Diode Switch
- Application: Wireless Communication
- Material: Aluminum
- Temperature: -40~85
- Frequency Range: 0.5 To 20 GHz
- Color: Silver
- Highlight: SP4T PIN Diode Switch, PIN Diode Switch 20GHz, Low Loss PIN Diode Switch

Product Description

0.5 To 20 GHz SP4T Absorptive PIN Diode Switch

Product Overview

Product Name	LT-SW series PIN Diode Switch
Application	Wireless Communication
Material	Aluminum
Temperature Range	-40~85
Frequency Range	0.5 to 20 GHz
Color	Silver

Key Features

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

Product Description

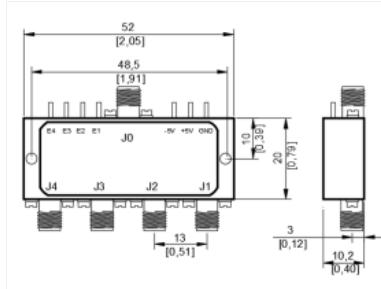
The LT-SW4TA-005200S is a high-performance absorptive PIN diode switch designed for wireless communication applications. Operating across a broad frequency range from 0.5 to 20 GHz, it offers excellent isolation of 60 dB and fast switching speed of 100ns. The device requires a power supply bias of +5V/200mA and -5V/50mA.

Technical Specifications

Parameter	Specification	Conditions
Part Number	LT-SW4TA-005200S	
Type	Absorptive	
Configuration	SP4T	
Frequency Range	0.5 to 20 GHz	
Insertion Loss	5.2 dB	
Isolation	60 dB	
Switching Speed	100 ns	
Control	TTL	
Input/Output VSWR	1.5:1	
Input Power	1 W	
Power Supply (Bias)	+5V / 200mA -5V / 50mA	
Dimensions	52×20×10.2mm	

Note: Custom specifications available upon request.

Outline Drawing



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