

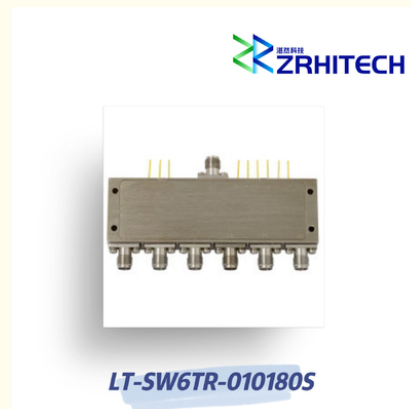
## 1 To 18 GHz SP6T Reflective PIN Diode Switch

Our Product Introduction

for more products please visit us on [zrhitech.com](http://zrhitech.com)

### Basic Information

- Place of Origin: CHINA
- Brand Name: ZR Hi-Tech
- Model Number: LT-SW6TR-010180S
- 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°C
- Frequency Range: 1 To 18 GHz
- Color: Silver
- Highlight: **SP6T Diode Switch 18GHz,  
PIN Diode Switch Absorptive,  
SP6T PIN Diode Switch**

## Product Description

### 1 to 18 GHz LT-SW Series PIN Diode Switch

#### Quick Detail:

- Aluminum Housing
- Customizable Frequency
- -40°C~+85°C Operating Temperature
- Fast Switching Time 80ns
- CE, RoHS, REACH compliant
- 1 Year Warranty

#### Description:

The LT-SW6TR-010180S from ZR is a Reflective PIN Diode Switch with Frequency 1 to 18 GHz, Isolation 60 dB, Switching Speed 80ns. Power Supply with bias +5V/200mA and -12V/80mA. More details for LT-SW6TR-010180S can be seen below.

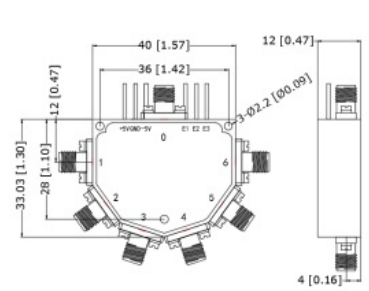
#### Specifications:

#### Electrical / Optical Characteristics (Ta=25°C±3°C)

| Items               | Specification    | Conditions |
|---------------------|------------------|------------|
| Part Number         | LT-SW6TR-010180S |            |
| Type                | Reflective       |            |
| Configuration       | SP6T             |            |
| Frequency Range     | 1 to 18 GHz      |            |
| Insertion Loss      | 3.2 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 / 200mA      |            |
|                     | -12V / 80mA      |            |
| Dimension           | 40*33*12mm       |            |

**Note: for custom specs, please contact us directly.**

#### Outline Drawing (Unit: mm):



 **Sichuan ZR Hi-Tech Ltd.**



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