

SPDT Switch DC-18GHZ

Latching Type (自保持型)

Application

- . RF test and measurement
- . Broadband wireless
- . ATE(Automatic Test Equipment)

Features

- . RF signal hot switching power **2W**
- . Pulse Latching
- . Low insertions
- . High Isolation

RF SPEC.:

Frequency Range	DC-3GHZ	3-6GHZ	6-12.4GHZ	12.4-18GHZ
VSWR	<1.20	<1.30	<1.40	<1.50
Insertion Loss	<0.2dB	<0.3dB	<0.4dB	<0.5dB
Isolation	>80dB	>70dB	>60dB	>60dB
Power Handling(CW)	100W	70W	50W	40W

- RF Impedance: 50 ohm
- Operating Voltage: DC12V/230mA (Option:DC5V/500mA,DC24V/100mA,DC28V/110mA)
- Switching Time: <15ms
- Life:>1000000cycles
- Switching Sequence:Break Before Make
- Operating Temperature: -30 ~ +65℃ (Option -40 ~ +85℃)
- RF Interface: SMA female

产品编号定义:

Series	Control Voltage	Frequency Range	COM Polarity	TTL Function	Option Function
P/N: L1S2	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> Negative	<input type="checkbox"/>	-V (抗振动) -W (防水溅)
	<input type="checkbox"/> 1 <input type="checkbox"/> 2 DC12V	<input type="checkbox"/> 0 <input type="checkbox"/> 3 DC-3GHZ	<input checked="" type="checkbox"/> Positive	<input type="checkbox"/> NO TTL	
	<input type="checkbox"/> 2 <input type="checkbox"/> 4 DC24V	<input type="checkbox"/> 0 <input type="checkbox"/> 6 DC-6GHZ		<input type="checkbox"/> T With TTL	
	<input type="checkbox"/> 2 <input type="checkbox"/> 8 DC28V	<input type="checkbox"/> 1 <input type="checkbox"/> 2 DC-12GHZ		<input type="checkbox"/> T <input type="checkbox"/> S With TTL and self cut-off	
	<input type="checkbox"/> 0 <input type="checkbox"/> 5 DC5V	<input type="checkbox"/> 1 <input type="checkbox"/> 8 DC-18GHZ			



产品编号示例:

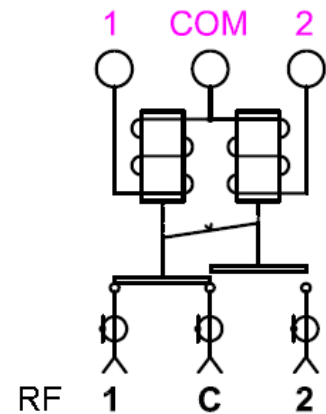
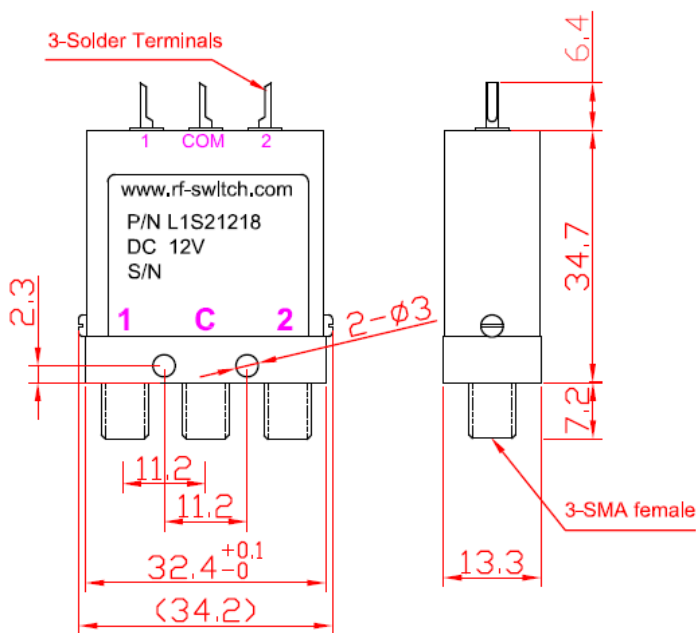
- L1S21203 (SPDT Latching Type/DC12V/DC-3GHZ/电压控制公共端为负极)
- L1S21203R (SPDT Latching Type/DC12V/DC-3GHZ/电压控制公共端为正极)
- L1S22403T (SPDT Latching Type/DC24V/DC-3GHZ/带 TTL 控制)
- L1S22403TS (SPDT Latching Type/DC24V/DC-3GHZ/带 TTL 控制/带内部自关断电路功能)
- L1S22412-V (SPDT Latching Type/DC24V/DC-12.4GHZ/抗振动)
- L1S22403T-V-W (SPDT Latching Type/DC24V/DC-3GHZ/带 TTL 控制/抗振动/防水溅)

说明:

- 1) 只有电压控制型产品，公共端才有正极、负极定义
- 2) 自关断功能: 只有带 TTL 控制时才具备自关断功能，RF 开关切换到位后，内部自关断电路启动，开关线圈不再耗电
- 3) 防水溅型功能产品外形尺寸与通用产品有差异

Outline Drawing & Schematic

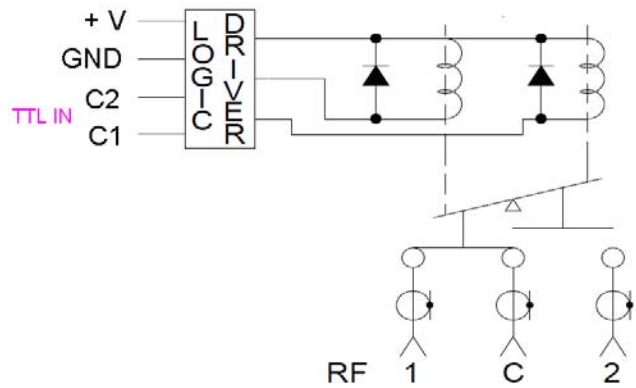
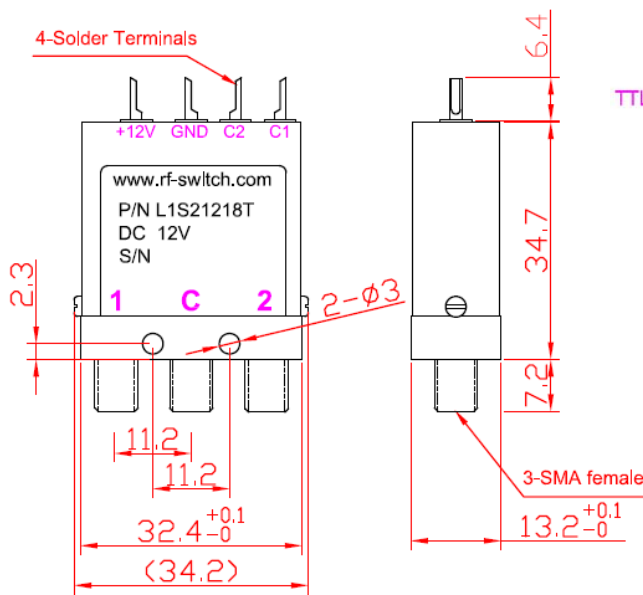
Voltage Control



Control Voltage	RF C-1	RF C-2
C1=V , C2=0V	ON	OFF
C1=0V , C2=V	OFF	ON



With TTL Control



TTL IN C1&C2	C-1	C-2
C1="1", C2="0"	ON	OFF
C1="0", C2="1"	OFF	ON
Logic"0"=0-0.8V ; Logic"1"=2.5-5.0v		

-W (防水溅) 外形尺寸 (mm)

