

# 1P5T , Terminated , Coaxial Switches

R15-SN12T18-DTI ,Coaxial Switches , 1P5T , SMA , Normally Open , 12VDC , TTL , DC to 18 GHz , DSUB-15 , Terminated , Electronic Type Indicator  
 R15-SN24T18-DTI ,Coaxial Switches , 1P5T , SMA , Normally Open , 24VDC , TTL , DC to 18 GHz , DSUB-15 , Terminated , Electronic Type Indicator  
 R15-SN28T18-DTI ,Coaxial Switches , 1P5T , SMA , Normally Open , 28VDC , TTL , DC to 18 GHz , DSUB-15 , Terminated , Electronic Type Indicator

## 电气参数 Electrical Characteristics:

参数 Parameter	条件 Condition
频率范围 Frequency range	DC-18 GHz
阻抗 Impedance	50 Ω
开关模式 Operation mode	Normally Open
开关顺序 Switch sequence	Break before make
切换时间 Switching time	15 ms max
机械寿命 Mechanical life	1 million min
TTL input	0-0.8 V(OFF), 2.4-5 V(ON)
负载功率 Termination power CW	0.5W
额定电压 Rated voltage	12 24 28 VDC
工作电流 Operating current at 23 °C	300 167 160 mA
指示灯额定值 Indicator rating	Electronic Type Indicator Max withstand voltage: 60VDC Max current capacity: 100mA Max "ON" resistance:16Ω Note: VDC(i) and COM- must be connected to operate.



## 射频特性 RF Specifications:

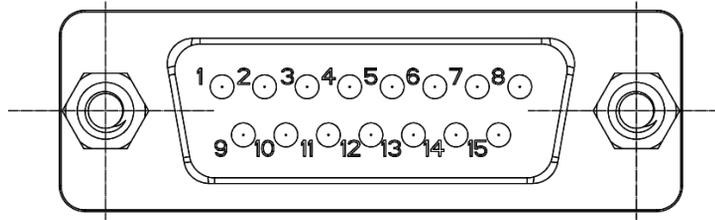
频率范围 FREQUENCY RANGE(GHz)	DC-6	6-12	12-18
插入损耗INSERTION LOSS (MAX) dB	0.3	0.4	0.5
隔离度 ISOLATION (MIN) dB	80	70	60
电压驻波比 V.S.W.R. (MAX)	1.3:1	1.4:1	1.5:1

## 环境和物理特性 Environmental And Physical Characteristics:

参数 Parameter	条件 Condition
工作温度范围 Operating temperature range	-25°C to +65°C(Standard ) -55°C to +85°C(Optional)
振动 Sine vibration(Operating)	20-2000Hz , 10G RMS
冲击 Shocks(Non Operating)	50g / 11msec, ½ sine
射频接口 RF Connector type	SMA Female



## 引脚定义 Pin Definition:



15 PIN D-SUB		RF Connect Used
Pin NO.	Function	SP5T
1	A1(TTL IN)	1
2	A2(TTL IN)	2
3	A3(TTL IN)	3
4	A4(TTL IN)	4
5	A5(TTL IN)	5
6	UNUSED	
7	COM-	电源接地端
8	1(IND.)	J1-COM
9	2(IND.)	J2-COM
10	3(IND.)	J3-COM
11	4(IND.)	J4-COM
12	5(IND.)	J5-COM
13	UNUSED	
14	COMi(IND.)(V+)	典型应用：接+3VDC(指示灯输入电压) (没有串联外接电阻时，16Ω内阻) 见备注*
15	+VDC/VDC(i)	电源额定电压

## 标准型号 Part Number:

标准型号 Part Number

1P5T

R15-SN12T18-DT1

额定电压  
Rated Voltage

12VDC

可选项 Option

## 典型曲线 Typical Performance Data:

