

## SPDT Coaxial Switches

R12-NF12008-H , Coaxial Switches , SPDT , N , Failsafe , 12VDC , DC to 8 GHz , High Power , Solder Pin

### Electrical Characteristics:

参数Parameter	条件Condition
频率范围 Frequency range	DC-8 GHz
阻抗 Impedance	50 $\Omega$
开关模式 Operation mode	Failsafe
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
工作电压 Nominal operating voltage	12 VDC
工作电流 Operating current at 23 °C	270 mA

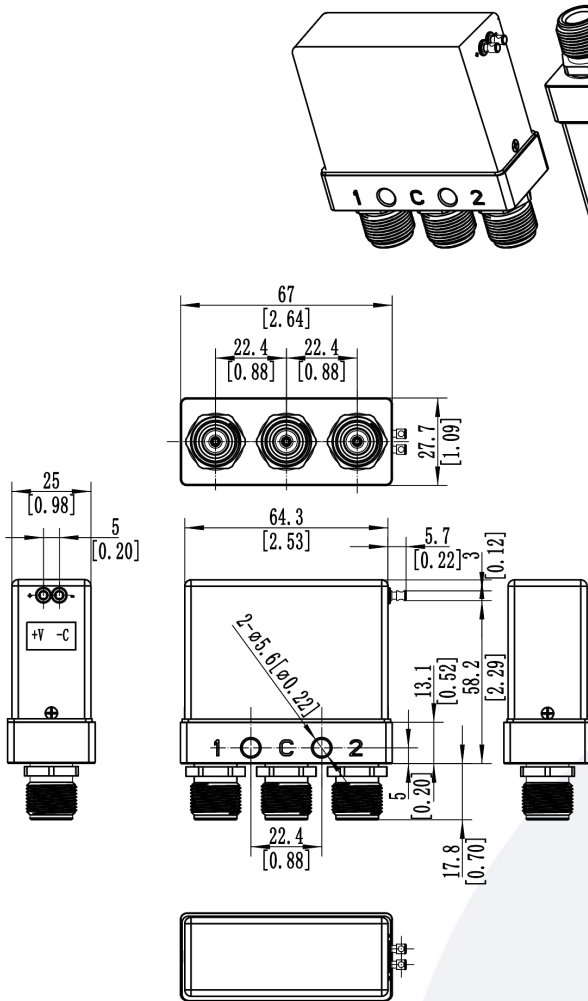
### RF Specifications:

频率范围 FREQUENCY RANGE(GHz)	DC-1	1-4	4-8
插入损耗 INSERTION LOSS (MAX) dB	0.3	0.4	0.4
隔离度 ISOLATION (MIN) dB	80	70	60
电压驻波比 V.S.W.R. (MAX)	1.25	1.3:1	1.4:1
平均功率average power	See power chart		

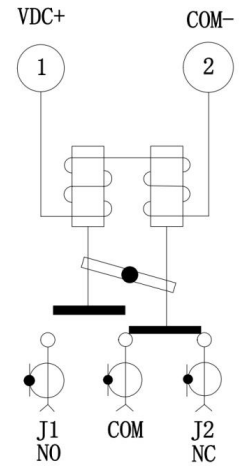
### 环境和物理特性 Environmental And Physical Characteristics:

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
冲击 Shocks(Non Operating)	50g / 11ms, ½ sine
射频接口 RF Connector type	N Female
控制接口 Control connector	Solder Pin
重量 Weight	260g Max
外壳颜色 Housing Color	浅蓝色 Light Blue

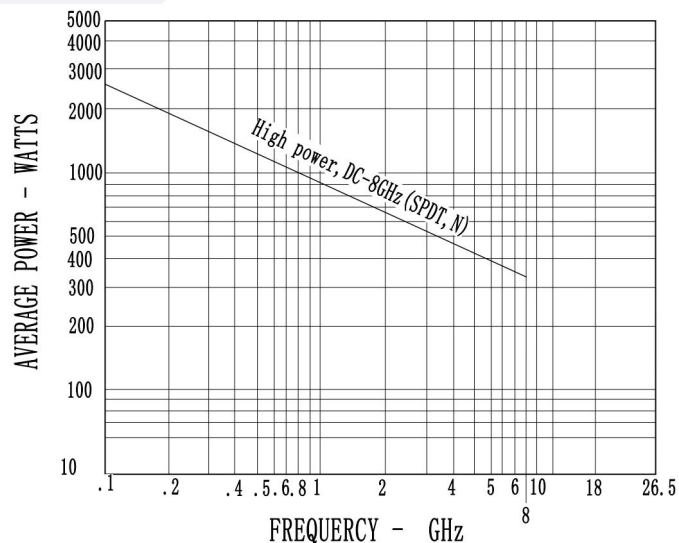
外形尺寸 Outline Drawing: Unit: mm



原理图 Schematic:



功率曲线图 Average power:



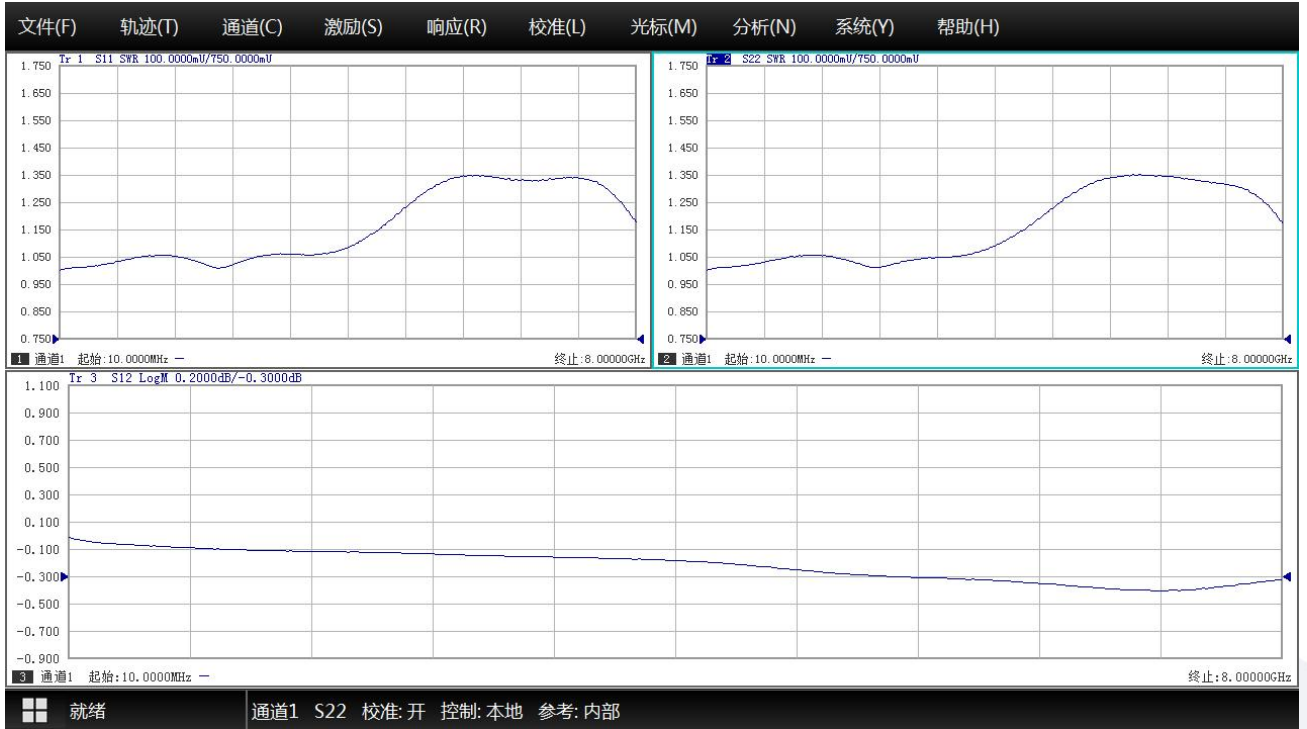
This graph is based on the following conditions:

- Ambient temperature: + 25 °C
- Sea level
- V.S.W.R.: 1 and cold switching

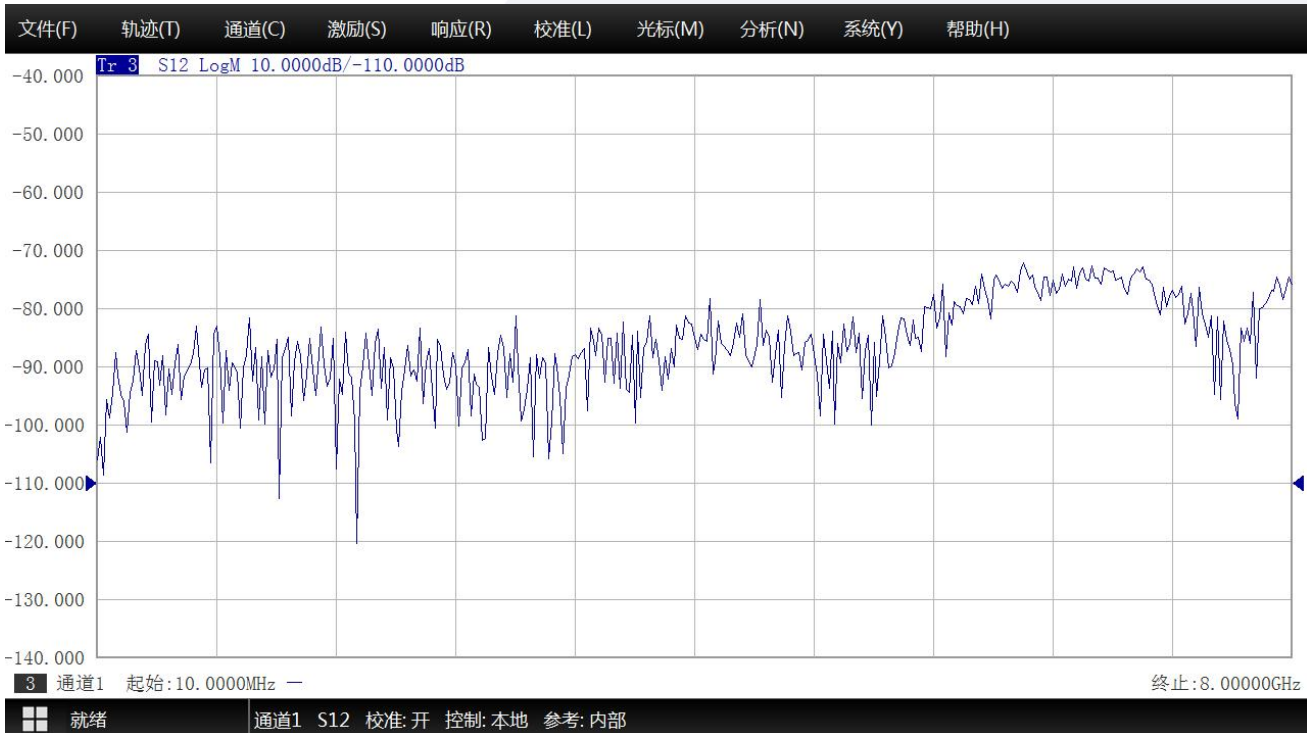
Part Number:

Part Number	Rated Voltage	可选项 Option
SPDT		
R12-NF12008-H	12VDC	-S 例如:R12-NF12008-HS (备注, S型号满足IP65)

## Test Curve:



## VSWR, Insertion Loss



## Isolation