

SP5T Coaxial Switches

R15-NN12T12-D , Coaxial Switches , 1P5T , N , Normally Open , 12VDC , TTL , DC to 12.4 GHz , DSUB-15
 R15-NN24T12-D , Coaxial Switches , 1P5T , N , Normally Open , 24VDC , TTL , DC to 12.4 GHz , DSUB-15
 R15-NN28T12-D , Coaxial Switches , 1P5T , N , Normally Open , 28VDC , TTL , DC to 12.4 GHz , DSUB-15

电气参数 Electrical Characteristics:

| 参数Parameter | 条件Condition |
|---------------------------------|---------------------------|
| 频率范围 Frequency range | DC-12.4GHz |
| 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) |
| 额定电压 Rated voltage | 12 24 28 VDC |
| 工作电流 Operating current at 23 °C | 150 75 65 mA |



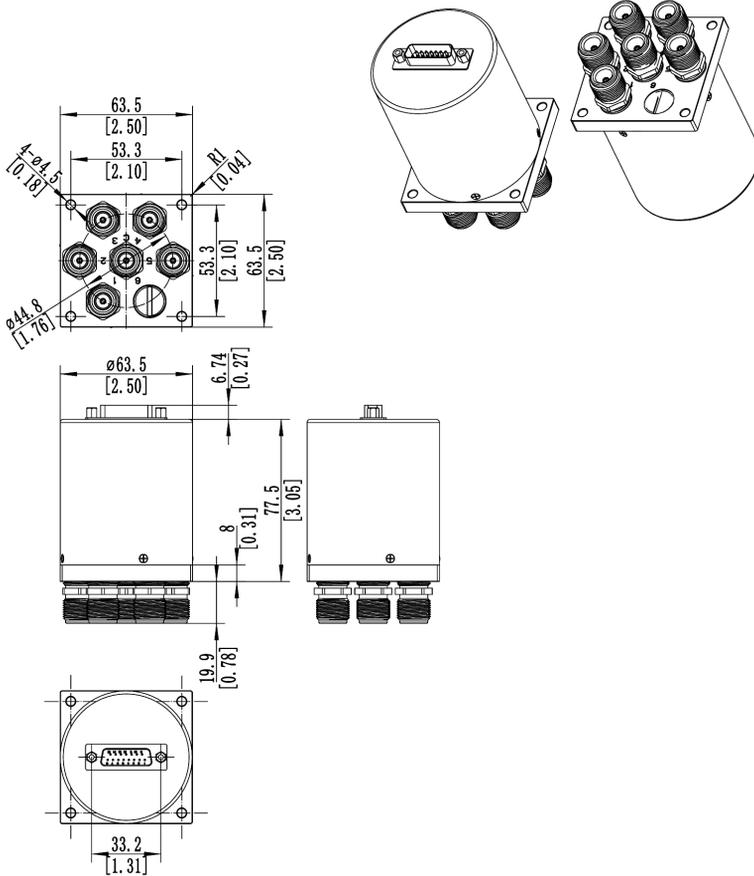
射频特性 RF Specifications:

| 频率范围 FREQUENCY RANGE(GHz) | DC-3 | 3-8 | 8-12.4 |
|-----------------------------|-------|-------|--------|
| 插入损耗INSERTION LOSS (MAX) dB | 0.3 | 0.5 | 0.7 |
| 隔离度 ISOLATION (MIN) dB | 70 | 60 | 50 |
| 电压驻波比 V.S.W.R. (MAX) | 1.3:1 | 1.5:1 | 1.7:1 |

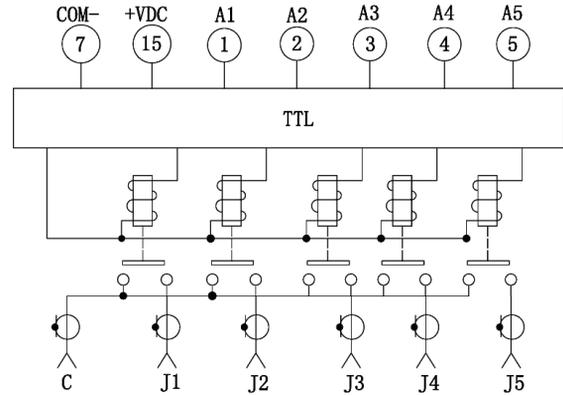
环境和物理特性 Environmental And Physical Characteristics:

| 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 |
| 冲击 Shocks(Non Operating) | 50g / 11ms, ½ sine |
| 射频接口 RF Connector type | N Female |

外形尺寸 Outline Drawing: Unit: mm



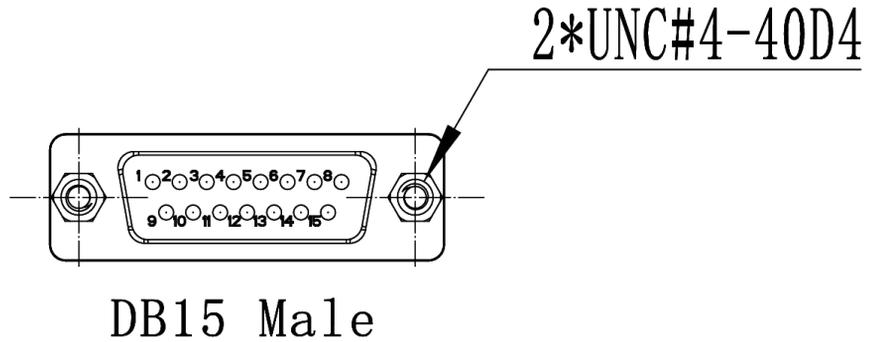
原理图 Schematic:



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

针脚定义 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- | |
| 15 | +VDC | |
| 8-14 | UNUSED | |

标准型号 Part Number:

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1P5T

R15-NN12T12-D

额定电压
Rated Voltage

12VDC

可选项 Option

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