

## 1P6T, Terminated, Coaxial Switches

R16-KN12040-DT, Coaxial Switches, 1P6T, K, Normally Open, 12VDC, DC to 40 GHz, DSUB-15, Terminated

R16-KN24040-DT, Coaxial Switches, 1P6T, K, Normally Open, 24VDC, DC to 40 GHz, DSUB-15, Terminated

R16-KN28040-DT, Coaxial Switches, 1P6T, K, Normally Open, 28VDC, DC to 40 GHz, DSUB-15, Terminated

### 电气参数 Electrical Characteristics:

参数 Parameter	条件 Condition
频率范围 Frequency range	DC-40 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
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



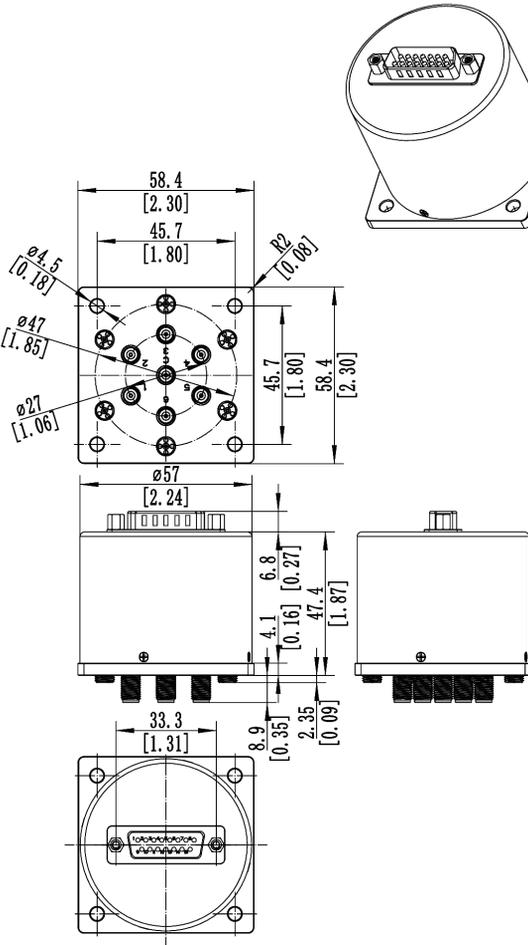
### 射频特性 RF Specifications:

频率范围 FREQUENCY RANGE(GHz)	DC-6	6-12	12-18	18-32	32-40
插入损耗 INSERTION LOSS (MAX) dB	0.3	0.4	0.5	0.8	1.3
隔离度 ISOLATION (MIN) dB	70	60	60	55	50
电压驻波比 V.S.W.R. (MAX)	1.3:1	1.4:1	1.5:1	1.9:1	2.1:1

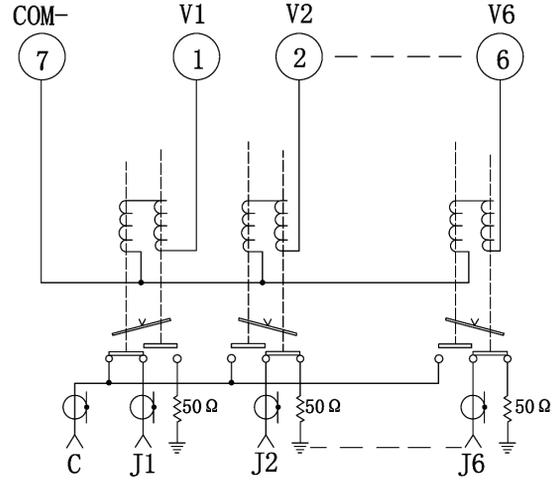
### 环境和物理特性 Environmental And Physical Characteristics:

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

## 外形尺寸 Outline Drawing: Unit: mm



## 原理图 Schematic:

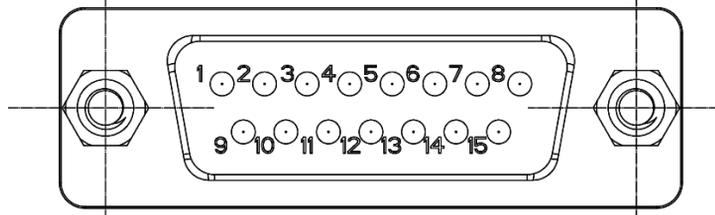


## 功率曲线图 Average power:

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	SP6T
1	V1	1
2	V2	2
3	V3	3
4	V4	4
5	V5	5
6	V6	6
7	COM-	
8-15	UNUSED	

## 标准型号 Part Number:

标准型号 Part Number	额定电压 Rated Voltage	可选项 Option
1P6T		
R16-KN12040-DT	12VDC 24VDC	-S

## 典型曲线 Typical Performance Data:

