

SPDT Coaxial Switches

R12-CF28005 , SC , Failsafe , 28VDC , DC to 5 GHz , Solder Pin

电气参数 Electrical Characteristics:

参数Parameter	条件Condition
频率范围 Frequency range	DC-5 GHz
阻抗 Impedance	50 Ω
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
额定电压 Rated voltage	28 VDC
工作电流 Operating current at 23 °C	110 mA



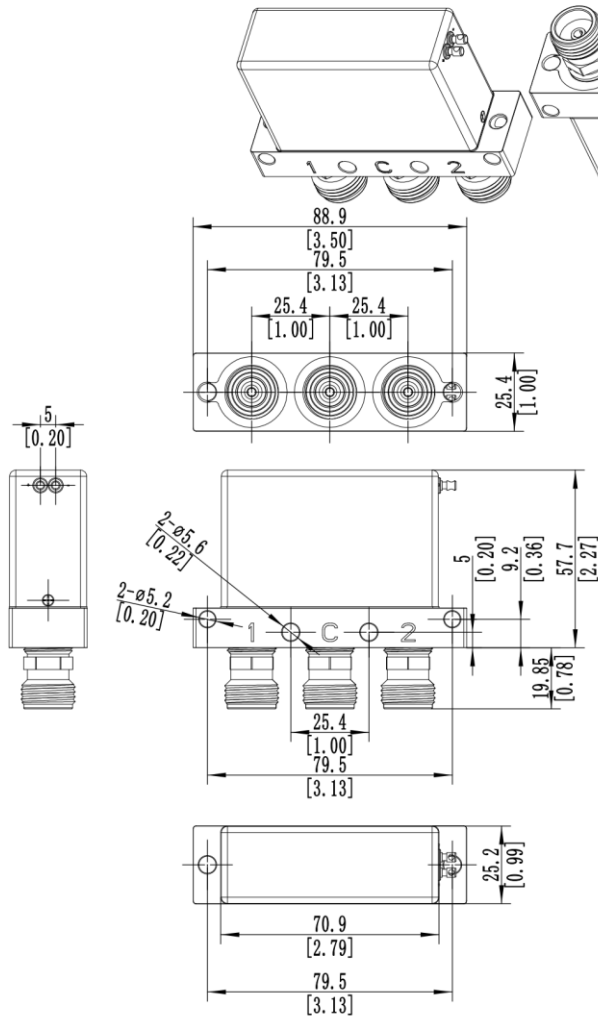
射频特性 RF Specifications:

频率范围 FREQUENCY RANGE(GHz)	DC-2	2-4	4-5
插入损耗 INSERTION LOSS (MAX) dB	0.2	0.3	0.5
隔离度 ISOLATION (MIN) dB	70	60	60
电压驻波比 V.S.W.R. (MAX)	1.15:1	1.3:1	1.5:1

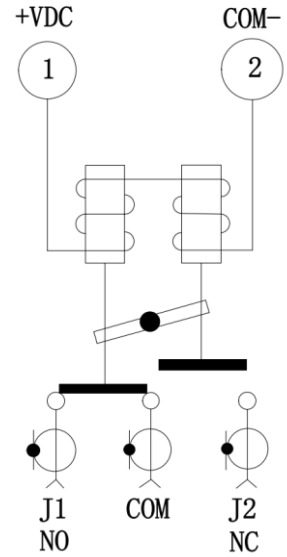
环境和物理特性 Environmental And Physical Characteristics:

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
冲击 Shocks(Non Operating)	50g / 12ms, ½ sine
射频接口 RF Connector type	SC Female
控制接口 Control connector	Solder Pin
重量 Weight	260g Max

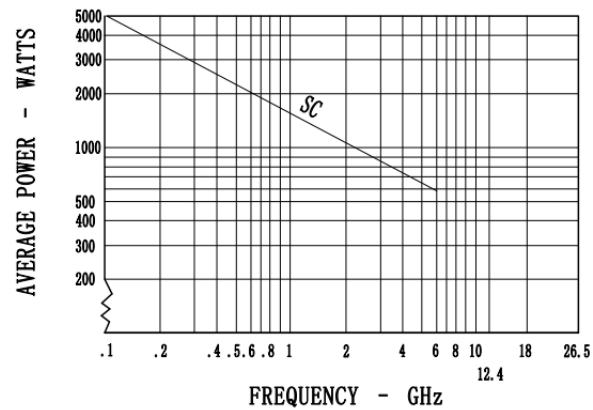
外形尺寸 Outline Drawing: Unit: mm



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

标准型号 Part Number:

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驱动电压

可选项 Option

SPDT

Actuator voltage

-S

R12-CF28005

28VDC

例如:R12-CF28005-S

(备注, S型号满足IP65)