

SP4T RF Coaxial Switch 单刀四掷射频同轴开关
 DC to 67 GHz, 1.85mm, Normally Open, 24V, 16-Pin DIP,

型号 LR4-V67N24 是一款频率覆盖 DC-67GHz, 1.85mm 型连接器, 激励电压 24Vdc, 16-Pin Dip 连接器, 立式安装单刀四掷射频同轴开关。

RF 特性 RF Characteristics

射频通道数量 Channel	4
频率范围 Frequency Range	DC-67GHz
特性阻抗 Impedance	50Ω

频率 Frequency (GHz)	DC-4	4-12.4	12.4-20	20-30	30-54	54-67
驻波比 VSWR (Max.)	1.15	1.20	1.35	1.40	1.60	1.92
插入损耗 Insertion Loss (dB Max.)	0.35 + 0.023 x Frequency(GHz)					
频率 Frequency (GHz)	DC-9	9-26.5	26.5-40	40-54	54-67	
隔离度 Isolation (dB Min.)	95	85	75	70	65	

电气特性 Electrical Characteristics

激励器 Actuator	Normally Open
激励电压 Actuator Voltage	24V
额定电流 Nominal Current (25°C±10%)	200mA
控制端接口 Actuator Terminals	16-PIN DIP DC connector with 24-inch ribbon cable, bare wire

机械特性 Mechanical Characteristics

射频接口 RF Connectors	1.85mm-Female
寿命 Life	1,000,000 cycles
切换时间 Switching Time	15ms

环境特性 Environmental Characteristics

工作温度 Operating Temperature	-25~+75°C
贮存温度 Storage Temperature	-55~+85°C

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产品外形 Outline Drawing

控制管脚定义 PIN Definition

PIN No.	Definition	Configuration	Note
1	+24V	-	
5	Path2	GND	RF C↔2
7	Path3	GND	RF C↔3
11	Path5	GND	RF C↔5
13	Path6	GND	RF C↔6
15	Comm. Ground	-	-
16	Open all Paths	GND	Open all Paths
2	Ind. comm.	-	-
6、8、12、14	Ind. 2、Ind.3、Ind.、Ind.6	-	Indicator

