For space and harsh environments, Renaissance has developed a truly hermetic SPDT switch with fine leak rate compatible to $10^{-5}$ atm cc/s and a minimum lifecycle of 1,000,000.

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**Specifications**

- Frequency: DC – 18.0 GHz
- Impedance: 50 Ohms
- Input Power: Solder Terminals
- Switching Time (max): 20 ms
- Life (min): 1,000,000 cycles
- Insertion Loss (max): 0.2 – 0.5 dB Max
- Isolation (min): 60 - 75 dB Max
- Op Voltage: 28 Vdc
- Current (typ): 175 mA
- Op Temperature: -40°C to +85°C