



### DC – 18.0 GHz Hermetic Multi-Port Switch, RSM-3D-H-28

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.

#### Features and Benefits

- Broadband performance
- Low loss / High isolation
- Hermetically sealed
- Compact size
- Can be used in multiple platforms
- Designed for high-rel applications
- Improves overall system's performance
- Improved shelf life

#### 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