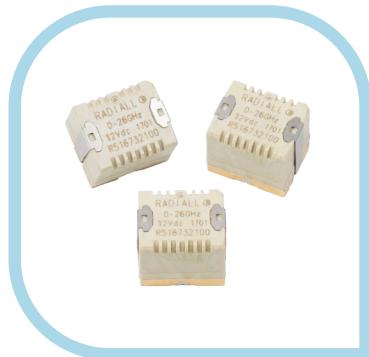


Quartz Series



MAKING HIGH FREQUENCY AND MINIATURIZATION POSSIBLE

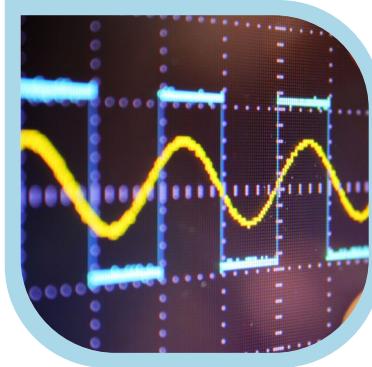
Radiall's new generation of SMT micro-SPDT relay with performance up to 26.5 GHz is perfect for high frequency applications where space is limited.



To overcome the frequency limits of SMT switches, Radiall merged the RAMSES concept with the SLIM LINE technology.

Radiall's new Quartz series is a major evolution when compared to the previous SMT relay:

- Higher frequency range
- Excellent reliability, hermeticity and thermal resistance
- Longer life span (3 million cycles guaranteed, 5 million cycles typical)



To meet customer's expectations, Radiall developed the Quartz series to support high frequency applications.

Making High Frequency and Miniaturization Possible

R 516 10

Frequency Range: _____

3: DC - 8 GHz

4: DC - 18 GHz

7: DC - 26.5 GHz

Type: _____

1: Failsafe (upon request)

3: Latching, 2 coils

Actuator Voltage: _____

1: 6 Vdc (upon request)

2: 12 Vdc

3: 24 Vdc

Actuator Terminals: _____

0: Not soldered

T: Soldered on a connectorized test fixture



Features & Benefits

- Full SMT Technology compatible
- High frequency: 26.5 GHz
- Long life span: 5 million typical
- High repeatability
- High power: 80W @ 3 GHz (cold switching)
- Test fixtures available for customer qualifications

Applications

- Instrumentation
- Modular instrumentation
- Military Radio
- ECM equipment
- Tower mount amplifier
- Repeaters, radio links
- Remote Radio Unit (RRU)