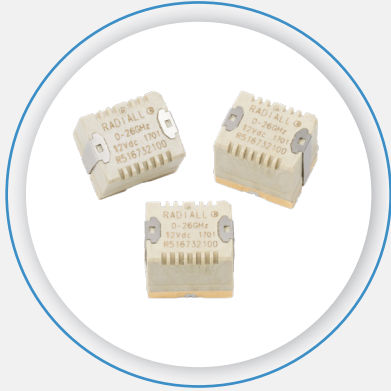


# QUARTZ SERIES

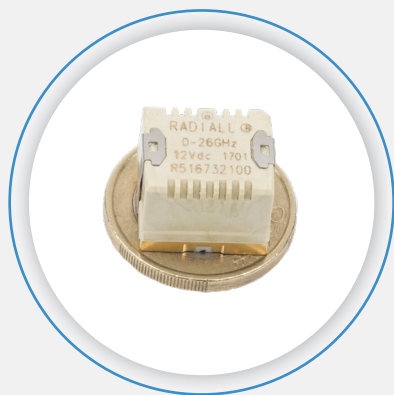
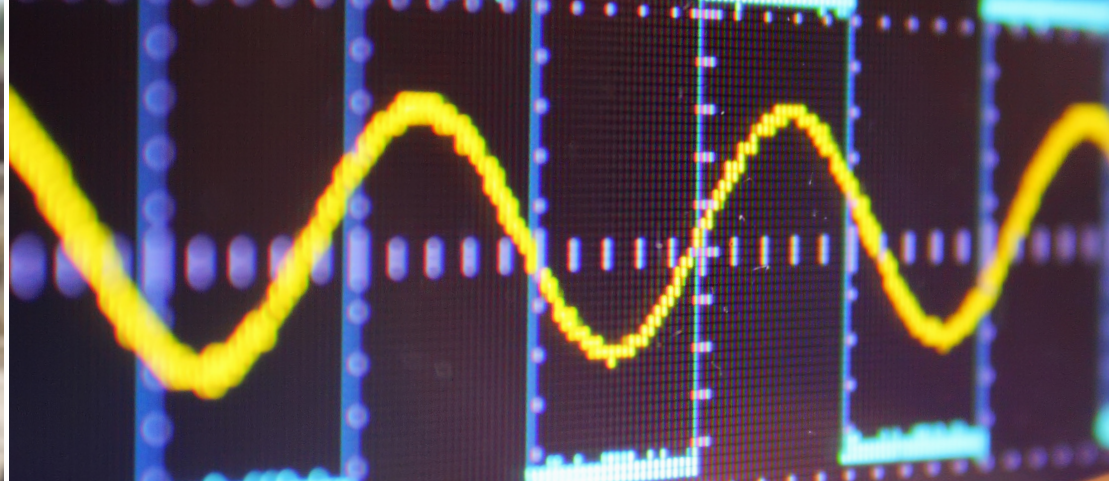
*Making High Frequency and  
Miniaturization Possible*



*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)



**R 516**      **10**

**Frequency Range:** \_\_\_\_\_

- 3:** DC - 8 GHz
- 4:** DC - 18 GHz
- 7:** DC - 26.5 GHz

**Type:** \_\_\_\_\_

- 1:** Failsafe
- 3:** Latching, 2 coils
- 9:** Failsafe, inverted RF path

**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: 80 W @ 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)