Renaissance has developed a new S-band coaxial circulator that is designed for amplifiers used in space applications. The circulator can operate between 2.2 – 2.4 GHz with 0.5 dB insertion loss and 20 dB isolation and return loss. The design can handle 75 W over -40 to +95° C.

### Features and Benefits
- Use of space qualified hardware, can withstand harsh environments
- High peak and average power handling
- Protects expensive amplifier circuits
- Compact size, optimized for space constrained applications

### Specifications
- **Frequency**: 2.2 – 2.4 GHz
- **Insertion loss**: 0.5 dB
- **Isolation**: 20 dB
- **VSWR**: 1.25: 1
- **Power CW**: 75 W
- **Temperature**: -45 to +95 °C
- **Size**: 1.2” x 1.06” x 1.06”