Renaissance has produced the world’s first K-band, Space Qualified, true surface mount isolator that can support Deep Space Communication Networks. The isolator features 15% bandwidth, low insertion loss and VSWR and high isolation. The package is a true surface mount, coplanar design that can be reflowed or screwed into the PWB.

**Features and Benefits**
- Space Qualified, Supports Deep Space Communication Networks
- True SMT/Coplanar Design
- 15% Bandwidth
- High Isolation, Low Insertion Loss and VSWR

**Specifications**
- **Frequency Range**: 22 - 25 GHz
- **Isolation**: 18 dB
- **Insertion Loss**: 0.8 dB
- **VSWR**: 1.43 : 1
- **Power**: 2W FWD; 2W REV
- **Temperature Range**: -40° C to + 85° C
- **Storage Temperature**: -60° C to + 120° C
- **Size**: .457” x .350” x .191