Renaissance Electronics has designed a low loss 30 GHz microstrip isolator for Satcom application. The design covers 29 - 31.5 GHz with less than a dB loss and provides 20 dB of isolation over -40 to 85°C temperature range. This isolator has power handling capability of 2W forward .025W reverse making it ideal to protect an expensive amplifier and/or receiver.

### Specifications

- **Frequency**: 29 - 31.5 GHz
- **Insertion Loss**: 1 dB
- **Isolation**: 18 dB
- **VSWR**: 1.25 : 1
- **Power Forward**: 2 W
- **Power Reverse**: 0.25W
- **Temperature**: -40 to +85°C
- **Height**: 0.2” Max.

### PRODUCT FEATURES

- Covering the 29 - 31.5 GHz with less than 1dB of Loss
- RoHs Compliant
- 18dB Isolation
- State of the art surface mount
- Capable of 2.0 watts power handling
- 5x6 mm case
- Less than 6mm height
- Clockwise rotation