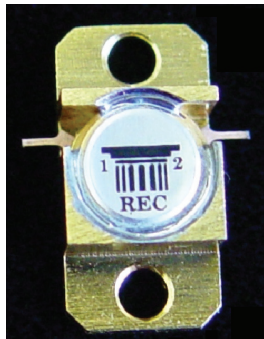


## Ka-Band Drop-In Isolator



2L9NDZ

Renaissance has developed a new drop-in isolator to suppress mismatches in the receiver circuits at Ka-band frequencies. Covering 30 – 31 GHz, this isolator provides a VSWR of 1.35:1 at input and output ports with loss of 1 dB and isolation of 18 dB over -40 to +60 C.

### PRODUCT FEATURES

- **Low input and output VSWR**
- **Wide bandwidth**
- **Compact size**

### BENEFITS

- **Provides better match to receivers**
- **Covers most satcom bands**
- **Optimized for space constrained applications**

### Specifications

|                 |                      |
|-----------------|----------------------|
| Frequency       | 30 - 31 GHz          |
| Insertion Loss  | 1 dB                 |
| Isolation       | 18 dB                |
| VSWR            | 1.35 : 1             |
| Power CW        | 10 W                 |
| Reflected Power | 1 W                  |
| Temperature     | -40 to 60°C          |
| Size            | 0.25" x 0.5" x 0.15" |