Drop-In Circulator, R3G3NBVL

For weather radar and IFF applications, Renaissance has designed a high power circulator in a compact size of 1” square. Covering 978 to 1090 MHz, this design has loss of 0.5 dB and can handle up to 40 W CW at +70°C.

**PRODUCT FEATURES**

- High Peak Power
- Low Loss
- Compact

**BENEFITS**

- For radar application
- Helps improve system’s efficiency
- Space saver

**SPECIFICATIONS**

- Frequency: 978 – 1090 MHz
- Insertion loss: 0.5 dB
- Isolation: 20 dB
- VSWR: 1.25 : 1
- Power CW: 40 W
- Power Peak: 400 W
- Temperature: -40°C to +70°C
- Altitude: 18,000 ft
- Size: 1” x 1” x .26”