Renaissance has designed a very high Peak and Average Power handling circulator covering 1.25 – 1.4 GHz in a compact size of 1.5” x 1.67” x 1.01”.
With low loss of 0.3 dB and isolation of 20 dB, it is optimized for airborne/flight applications.

**1300 MHz High Power Circulator**

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**Specifications**

- **Frequency**: 1.25 – 1.4 GHz
- **Insertion loss**: 0.3 dB
- **Isolation**: 20 dB
- **VSWR**: 1.25 : 1
- **Power CW**: 300 W
- **Power Pulsed**: 3000 W
- **Temperature**: -40 to 85 °C
- **Size**: 1.5” x 1.67” x 1.01”

**PRODUCT FEATURES**

- Low insertion loss and high isolation
- High Pulsed Power Handling
- High Isolation
- Compact size

**BENEFITS**

- Applicable for Pulsed Radar Systems
- Lower System Level Distortion and Noise Generation
- Optimized for space constrained applications