**Ku band Drop-in Isolator**

Renaissance Electronics has designed a medium power handling drop-in isolator operating between 13.75 to 14.5 GHz. With a footprint of only 0.620” x 0.375”, it is thermally stable to dissipate 12 W CW at +70C while sustaining forward power levels of 15W CW.

**PRODUCT FEATURES**
- Stainless Steel Housing and Cover
- Low insertion loss
- High Isolation
- Compact size

**SPECIFICATIONS**
- Frequency: 13.75 – 14.50 GHz
- Insertion loss: 0.4 dB
- Isolation: 20 dB
- VSWR: 1.25:1
- Forward Power: 15 W
- Reverse Power: 12 W
- Temperature: -40 to 70 °C
- Size: .620” x .375” x .20”

**BENEFITS**
- Applicable for Radar and Communication systems
- Robust construction, flight qualified
- More power handling capability
- Better system performance
- Optimized for space constrained applications