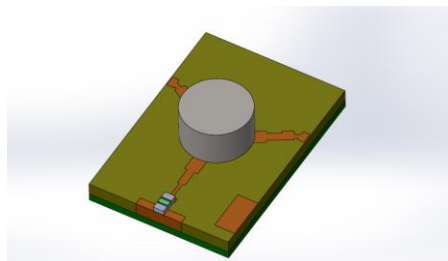


## Micro-strip Isolator for Space Applications



**2W9NCA-S**

To protect the space communication payload electronics, Renaissance has designed a 20 GHz micro-strip. Main features include compact size, low loss and high isolation. This device meets all of the NASA's outgassing requirements.

### PRODUCT FEATURES

- Use of space qualified hardware
- High peak and average power handling
- Compact size

### BENEFITS

- Can be used for space or harsh environments
- Protects expensive amplifier circuits
- Optimized for space constrained applications

### SPECIFICATIONS

Frequency	19.0 – 21.0 GHz
Insertion loss	1.0 dB
Isolation	18 dB
VSWR	1.20 : 1
Power, Forward	1 Watt
Temperature	-20 to 70°C
Size	0.400" x 0.275" x 0.150"