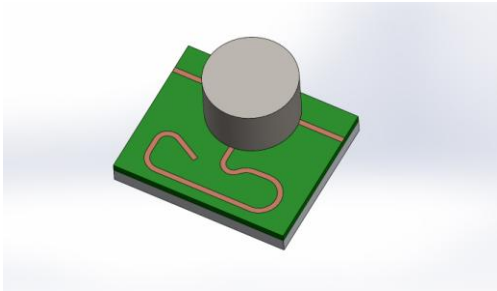


Micro-strip Isolator for Space Applications



2W9NCB-S

To protect the space communication payload electronics, Renaissance has designed a 27.5 - 31 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	27.5 – 31.0 GHz
Insertion loss	0.4 dB
Isolation	18 dB
VSWR	1.20 : 1
Power, Forward	.5 Watt
Power, Load	.25 Watt
Temperature	-20 to 70°C
Size	0.236" x 0.197" x 0.150"