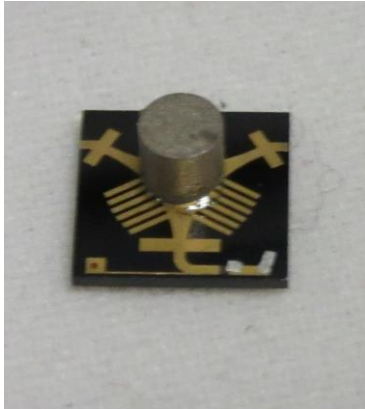


8.3 – 9.7 GHz Microstrip Isolator, X-band



2W8NAQ

Renaissance's latest X-band microstrip Isolator 2W8NAQ has typical return loss of 16 dB and 0.5 dB loss over 8.3 - 9.7 GHz. With a footprint of just .275" x .275" and power handling of 1W forward and reverse, it is ideal to match RF components with high VSWR.

PRODUCT FEATURES & BENEFITS

- Ideal for up and down-converters
- Low insertion loss improves link budgets
- Low VSWR provides higher system efficiency
- High isolation improves systems fidelity
- Industrial temperature range

SPECIFICATIONS

| | |
|----------------------|-------------------|
| Frequency | 8.3 – 9.7 GHz |
| Insertion loss | 0.8 dB |
| Isolation | 16 dB |
| VSWR | 1.40: 1 |
| Power Forward & Load | 1 Watt PK; 15% DC |
| Temperature Range | -40°C to 100°C |
| Size | .275"2 x .15" |