



2W9 Series

29 - 31.5 GHz Microstrip Isolator on Carrier

Renaissance Electronics has designed a low loss 30 GHz microstrip isolator for Satcom application. The design covers 29 - 31.5 GHz with less than a dB loss and provides 20 dB of isolation over -40 to 85°C temperature range. This isolator has power handling capability of 2W forward .025W reverse making it ideal to protect an expensive amplifier and/or receiver.

PRODUCT FEATURES

- **Covering the 29 - 31.5 GHz with less than 1dB of Loss**
- **RoHs Compliant**
- **18dB Isolation**
- **State of the art surface mount**
- **Capable of 2.0 watts power handling**
- **5x6 mm case**
- **Less than 6mm height**
- **Clockwise rotation**

Specifications

Frequency	29 - 31.5 GHz
Insertion Loss	1 dB
Isolation	18 dB
VSWR	1.25 : 1
Power Forward	2 W
Power Reverse	.25W
Temperature	-40 to +85°C
Height	0.2" Max.