

## 1.02 - 1.04 GHz, Drop-in, High Power Isolator, 2H2NFG



**2H2NFG**

Renaissance has designed a high power drop-in isolator for IFF transceiver application. Covering 1020 – 1040 MHz, this isolator has just 0.40 dB of insertion loss over -30 to +70 C while handling 100 W Forward and Reverse power levels. The design is covered under a US Patent that transfers all of the 100 W reflected to a thermally heat sunk portion of the steel housing.

### PRODUCT FEATURES

- High Power Handling Capability
- Low insertion loss and high isolation
- Compact size

### BENEFITS

- Suitable for military radio applications
- Increases system efficiency
- Optimized for space constrained applications

### SPECIFICATIONS

Frequency	1.02 – 1.04 GHz
Insertion loss	0.40 dB
Isolation	20 dB
VSWR	1.20: 1
Power CW	100 W
Reflected Power	100 W
Temperature	-35 to 70 °C
Size	1.00" x 1.25" x 0.30"