

## Surface Mount Circulator, 3SMH8NM



3SMH8NM

Renaissance Electronics has produced an industry first, medium power handling surface mount circulator operating between 9.3 to 9.5 GHz. With a footprint of only 0.630" x 0.615", it is the smallest high power circulator available in the industry. 3SMH8NM exhibits insertion loss between 0.4 and 0.5 dB and isolation exceeding 22 dB at room temperature.

### PRODUCT FEATURES

- 10 GHz, 200 W Peak
- True Surface Mount Design
- Stainless Steel Housing and Cover
- Low insertion loss
- High Isolation
- Compact size

### BENEFITS

- Applicable for Radar and Communication systems
- Eliminates cutouts in PCBs
- Robust construction, flight qualified
- More power handling capability
- Better system performance

### SPECIFICATIONS

Frequency	9.3 – 9.5 GHz
Insertion loss	0.6 dB
Isolation	20 dB
VSWR	1.25
Power Forward	60 Watts
Power Peak	200 Watts
Temperature	-20°C to 70°C
Size	.630" x .615" x .222"