9.3 – 9.5 GHz Surface Mount Circulator, X-band, 3SMH8NW-ROHS

For use in modern radar, satellite communication and wireless communication networks, Renaissance has designed this X-band surface mount circulator. This low loss, high power circulator can be deployed in civil, military and space applications.

Features and Benefits

- Can be used in a variety of applications
- ROHS compliant
- High isolation, low loss
- Allows for higher resolution imagery from high-resolution imaging radars

Specifications

- Frequency: 9.3 – 9.5 GHz
- Isolation: 20 dB
- Insertion Loss: 0.35 dB
  Goal: 0.6 dB
- VSWR: 1.25 : 1
  Goal: 1.22 : 1
- Power: 15 Watts CW
  150 Watts PK
- Temp Range: -25° to 110° C
- Temp Storage: -60° to 120° C
- Size: .350” x .191” x .457”