



### 1.455 – 1.515 GHz Surface Mount Isolator, L-band, 2SMC3NBL

Renaissance Electronics has produced an industry first, medium power handling surface mount isolator operating between frequency range of 1.45 to 1.5 GHz. With a footprint of only 0.845" x 0.750", it is the smallest medium power isolator available in the industry. 2SM3NBL exhibits insertion loss of 0.30 and isolation of 20 dB at room temperature.

#### Features and Benefits

- 15 W Reverse Power Handling
- True Surface Mount Design
- Stainless Steel Housing and Cover
- High Isolation, Low insertion loss
- Compact Size
- Applicable for Radar and Communication Systems
- Eliminates Cutouts in PCBs
- Robust Construction, Flight Qualified
- More power Handling Capability
- Better System Performance
- Optimized for Space applications

#### Specifications

Frequency	1.455 – 1.515 GHz
Insertion loss	0.30 dB
Isolation	20 dB
VSWR	1.20:1
Forward Power	30 W
Reverse Power	15 W
Temperature	0 to 85 °C
Size	.845" x .750" x .25"