



2SMC3NBL

L-Band Surface Mount Circulator

Renaissance Electronics has produced an industry first, medium power handling surface mount circulator 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 circulator available in the industry. 2SM3NBL exhibits insertion loss of 0.30 and isolation of 20 dB at room temperature.

PRODUCT FEATURES

- 15 W reverse power handling
- 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
- Optimized for space constrained 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"