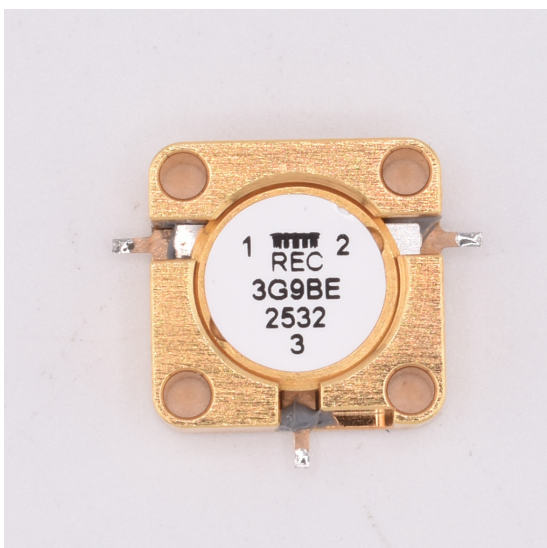


**12.0 — 18.0 GHz**

**CIRCULATOR, DROP-IN**

**3G9BE**



#### **DESCRIPTION:**

3G9BE is a broadband Ku-Band drop-in circulator that covers a frequency range of 12.0 to 18.0 GHz. Its drop-in design allows for quick and easy integration into printed circuit boards.

With its low insertion loss, frequency range, compact size, and stability over a wide temperature range, it is an ideal choice for radar systems, satellite communication, electronic warfare, and wireless infrastructure.

#### **FEATURES & BENEFITS:**

- Full coverage of the Ku-Band
- High isolation and low insertion loss
- High VSWR for improved system stability and reduced signal distortion
- Wide operational temperature range
- Drop-in, compact design allows for easy integration onto a PCB

#### **SPECIFICATIONS:**

<b>Frequency</b>	12.0 — 18.0 GHz
<b>Isolation</b>	16 dB (Typ), 14 dB (Min)
<b>Insertion Loss</b>	0.6 dB (Typ), 0.8 dB (Max)
<b>VSWR (Max)</b>	1.4:1 (Typ), 1.5:1 (Max)
<b>Power (Avg)</b>	50 W CW, 200 W PK
<b>Temperature</b>	-40°C to +80°C
<b>Package Size</b>	0.50" x 0.50" x 0.18"

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