

# Model 150019

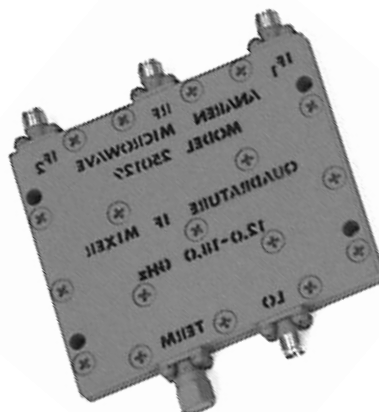


## Mixers

### Image Rejection

#### Applications

- Wideband Sweeping Receivers
- Spectrum Analyzers
- Surveillance Receivers
- Wideband Test Instrumentation
- Starved LO Systems



#### Features

- 30 to 240 MHz IF Available
- Military Grade
- Excellent Image Suppression
- Low Conversion Loss
- Stainless Steel Connectors
- Biased Versions Available

#### Electrical Specifications

| Model Number              | Frequency GHz      | Isolation LO-RF dB Min/Typ | Convers. Loss dB Max/Typ     |
|---------------------------|--------------------|----------------------------|------------------------------|
| 150019-60                 | 12.4-18.0          | 11/17                      | 10.5/8.5                     |
| IF Input <sup>1</sup> MHz | RF VSWR Max/Typ: 1 | LO VSWR Max/Typ :1         | Image Reject @ IF dB Max/Typ |
| 40-80                     | 2.5/1.7            | 3.0/1.8                    | 13/18                        |

**Notes:** Impedance: 50 ohms nominal. Meets MIL-E-5400 Class 3 requirements. Additional screening available for military and space applications. **Electrical and Mechanical Specifications subject to change without notice.** <sup>1</sup> Specifications are for 60 MHz IF center frequency. Other IF center frequencies are available from 30 to 240 MHz. LO Power: +7 dBm typical. Biased versions also available.

#### Outline Drawing

