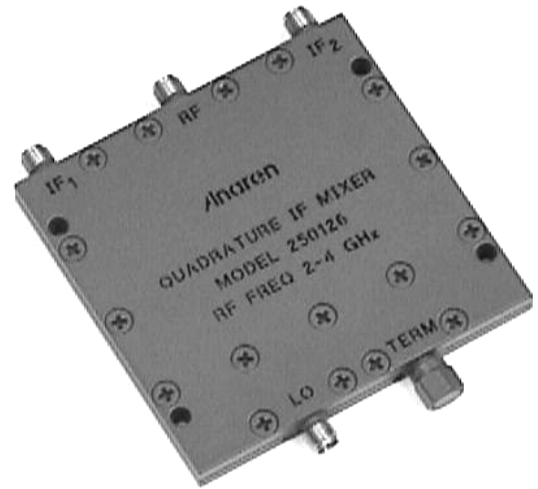


### Mixers Quadrature IF



#### Applications

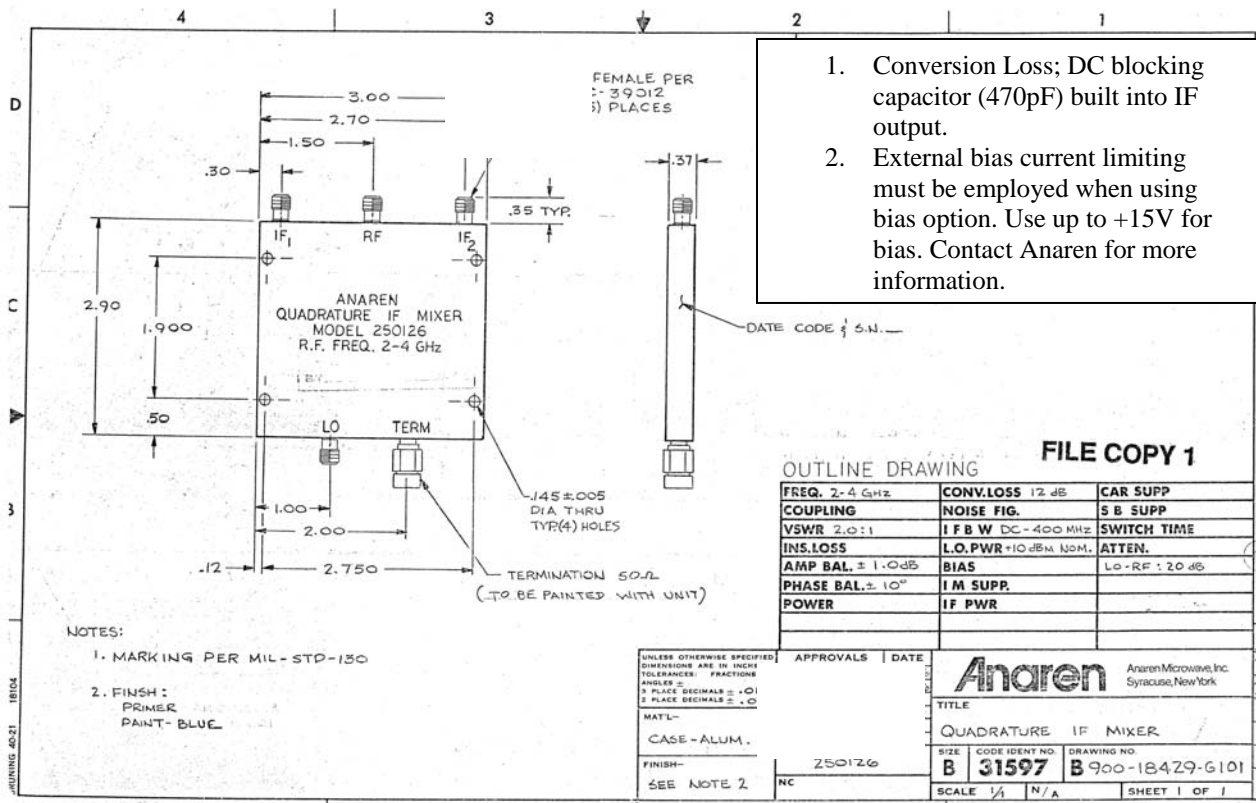
- PSK Demodulators
- Quadrature Phase Detectors
- Doppler Systems/Radar Altimeters
- Image Rejection Mixers
- Error Sensors in Adaptive Systems

#### Features

- Military Grade
- 2.0 – 4.0 GHz
- IF Center Frequencies from 30 to 240 MHz Available (Specs are for IF Center of 60MHz)
- Good Phase/Amp Balance
- Good LO/RF Isolation
- Good LO/RF VSWR
- Connectors per Mil-C-39012
- Biased Versions Available
- Meets MIL-E-5400 Class 3 Requirements

**NOTES:**  
Electrical and Mechanical Specifications subject to change without notice

#### Outline Drawing



1. Conversion Loss; DC blocking capacitor (470pF) built into IF output.
2. External bias current limiting must be employed when using bias option. Use up to +15V for bias. Contact Anaren for more information.