

## Mixers Image Rejection

### Applications

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



### Features

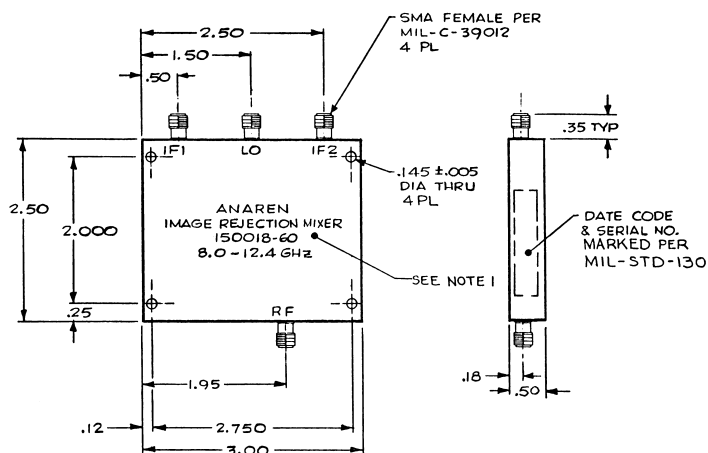
- 30 to 240 MHz IF Available
- Military Grade
- Excellent Image Suppression
- Low Conversion Loss
- Stainless Steel Connectors
- Biased Versions Available

### Electrical Specifications

Model Number	Frequency GHz	Isolation LO-RF dB Min/Typ	Convers. Loss dB Max/Typ
150018-60	8.0-12.4	14/20	9.5/8.0
IF Input <sup>1</sup> MHz	RF VSWR Max/Typ: 1	LO VSWR Max/Typ :1	Image Reject @ IF dB Max/Typ
40-80	2.0/1.6	2.5/1.7	15/20

**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



- NOTES:  
 1 Dimensions: Inches  
 2 Marking: In accordance with ML-STD-130  
 3 Finish: Epoxy Primer Blue Epoxy Paint