

Model 150017

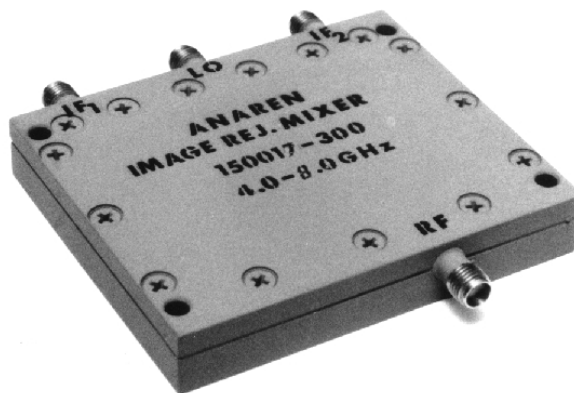
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Mixers

Image Rejection

Applications

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



Features

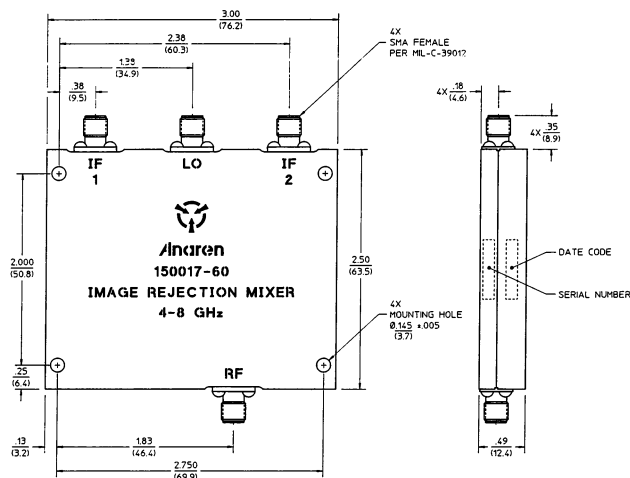
- 30 to 240 MHz IF Available
- Military Grade
- Excellent Image Suppression
- Low Conversion Loss
- Stainless Steel Connectors
- Biased Versions Available

Electrical Specifications

Model Number	Frequency GHz	Isolation LO-RF dB Min/Typ	Convers. Loss dB Max/Typ
150017-60	4.0-8.0	14/20	9.0/7.5
IF Input ¹ 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.** ¹ 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 & (millimeters)
- 2 Marking: In accordance with ML-STD-130
- 3 Finish: Epoxy Primer Blue Epoxy Paint