Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

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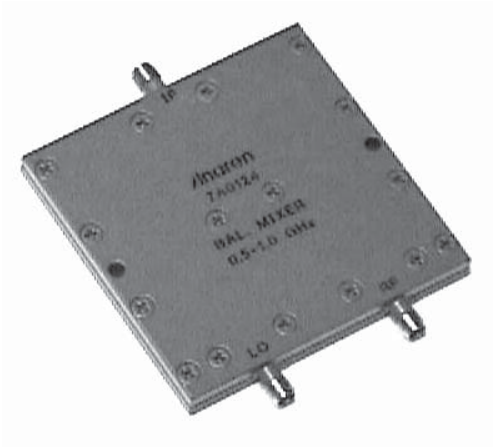
Model 7A0124

Anaren

Mixers

Balanced, OrthoQuad®



Applications

- Down Converters
- Demodulators
- Pulse Modulators
- Current Controlled Attenuators
- Phase, Frequency Discriminators

Features

- Military Grade
- Good LO/RF Isolation
- Connectors Per MIL-C-39012
- Low Conversion Loss
- Good Intermodulation Performance
- Good LO/RF VSWR

Electrical Specifications

Frequency *GHz*	Isolation LO-RF *dB Min/Typ*	Convers. Loss *dB Max/Typ*	VSWR RF, LO *Max/Typ :1*
0.5 - 1.0	20/25	7.5/6.5	1.6/1.2

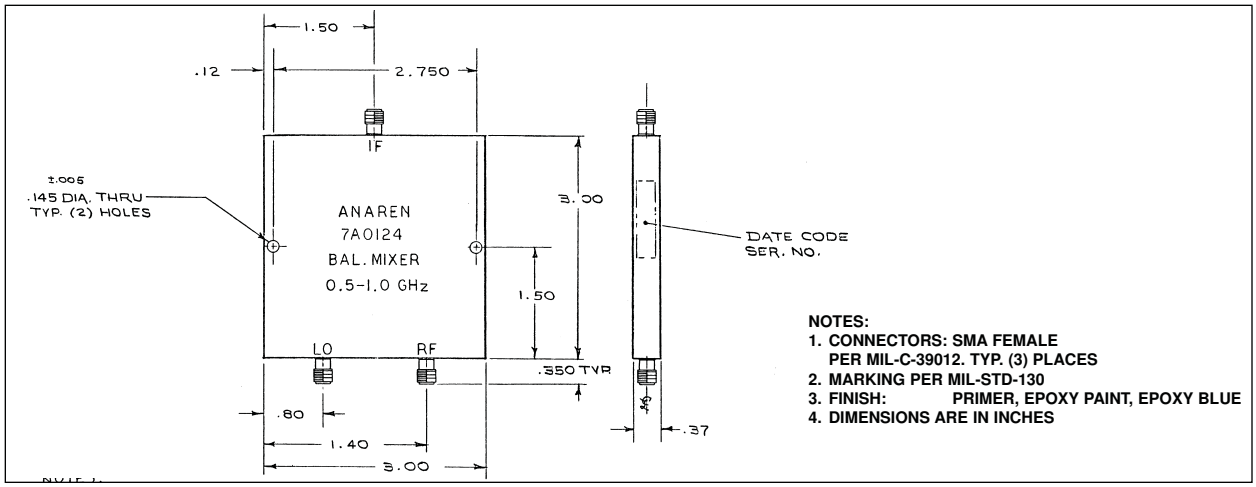
Noise Fig.[1] *dB Max*	IF Freq.[2] *MHz*
8.5/7.5	DC-150

Note: Impedance: 50 ohms nominal. Operating temperature -54 to +95°C. LO drive of +8 dBm. All measurements are made in 50 ohm system. For biased models, conversion loss and noise figures specify @ 0 dBm LO power. Mixers have internal bias networks that allow operation over LO dynamic range ≥ 20 db while maintaining optimum conversion loss.

Electrical and Mechanical Specifications subject to change without notice.

[1]Noise figure is single sideband using a 30 MHz amplifier having a noise of 1.5 dB. [2]Upper IF frequency is the -3dB response point.

Outline Drawing



Anaren
What'll we think of next?™

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