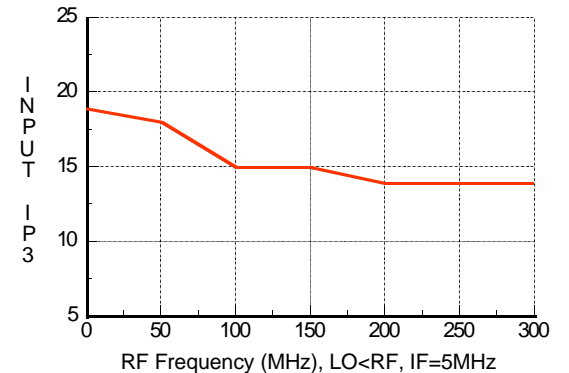
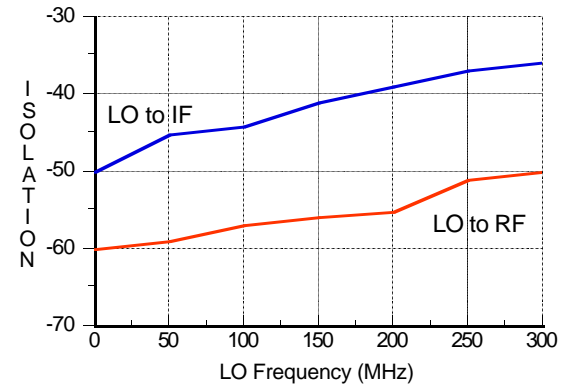
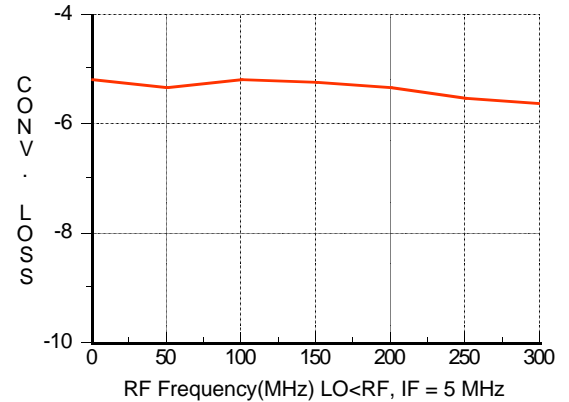
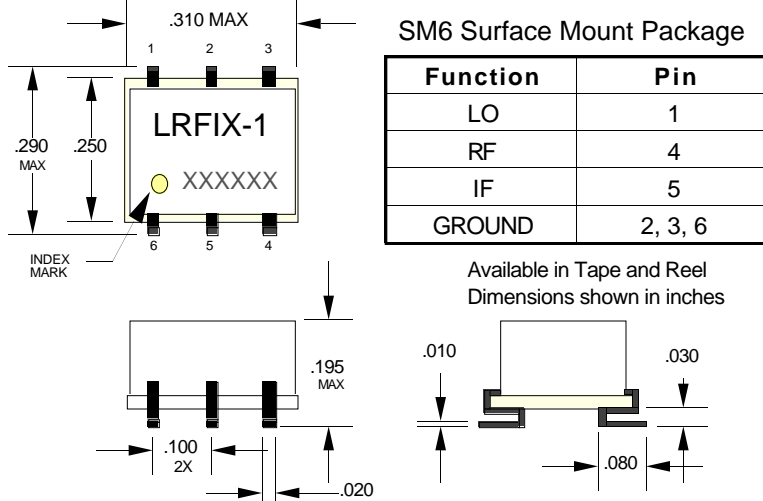


**Surface Mount Mixer
0.5 to 300 MHz**

LRFIX-1

The LRFIX-1 mixer is designed for IF signal processing applications requiring low conversion loss, high LO isolation, and high input IP3. This part uses our industry standard stress relieved package, FLEX-RAP™, for maximum reliability.

Part Order Number: LRFIX-1-SM6



Specifications

LO=+7 dBm Input (RF) = -10dBm Tc=+25°C

Parameter	unit	Min	Typical	Max
Frequency Range, RF & LO	MHz	0.5	---	300
Frequency Range, IF	MHz	DC	---	200
Conversion loss	dB	-	5.5	6
LO to RF Isolation 0.5 - 50	dB	55	60	-
LO to RF Isolation 50 - 100	dB	45	53	-
LO to RF Isolation 100 - 300	dB	40	45	-
LO to IF Isolation 0.5 - 50	dB	40	45	-
LO to IF Isolation 50 - 100	dB	35	45	-
LO to IF Isolation 100 - 300	dB	27	35	-

Absolute Maximum Ratings

Parameter	Maximum
RF Power	+17 dBm
Operating Temperature	-20 to +85 °C
Storage Temperature	-55 to +100 °C
Reflow Temperature	250 °C

1. Specifications guaranteed in a 50 ohm test system.
2. Specifications guaranteed as down conversion.
3. Typical performance values are not guaranteed.
4. All specifications subject to change.

Contact Factory for special applications.

This document describes the product information available at the time of printing.

*BLUE CELL is a Patented Process of RF Prime Microwave and a registered trademark: U.S. Patent Numbers 5,534,830 ; 5,640,132; 5,640,134 ; 5,640,699

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LRFIX-1-SM6
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