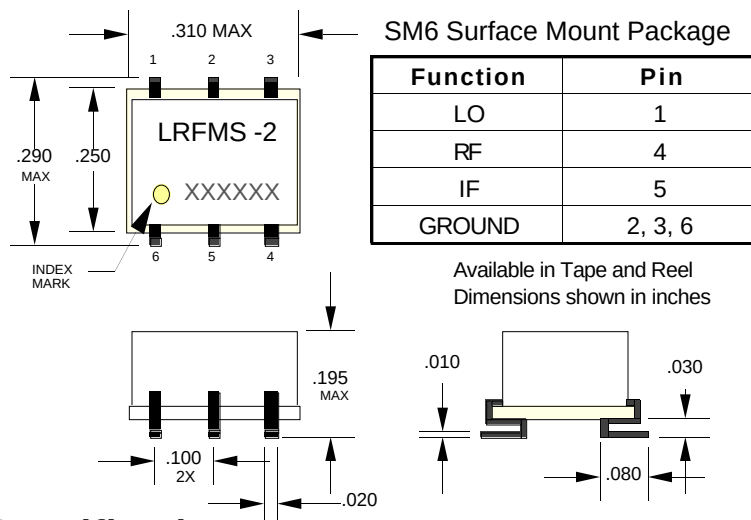


Surface Mount Mixer 5 to 1000 MHz

LRFMS-2

The LRFMS-2 is a broad band mixer designed for RF and IF conversion applications. These parts feature low conversion loss, good isolation and uses our industry standard stress relieved package with , FLEX-RAP[™] , leads for maximum reliability.

Part Order Number: LRFMS-2-SM6



Specifications

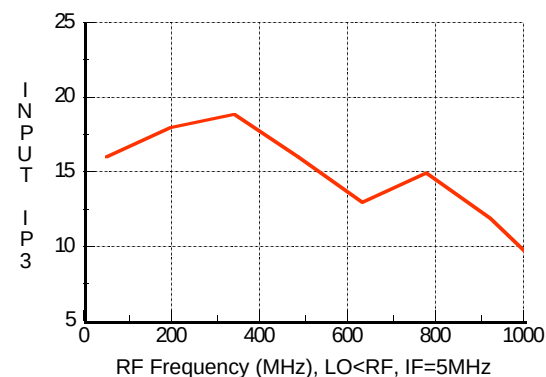
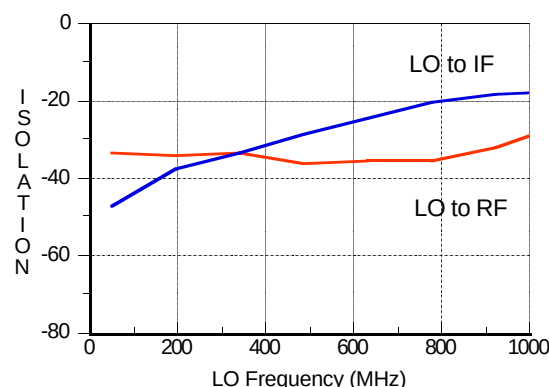
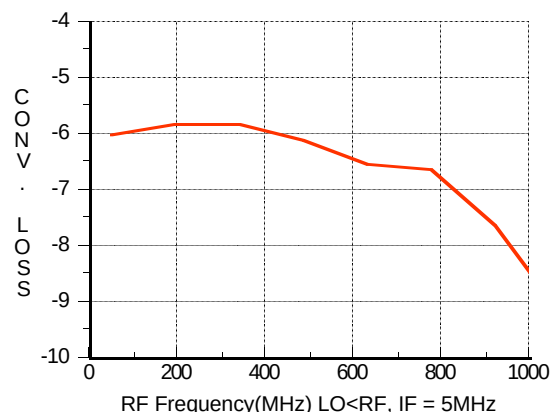
LO=+7 dBm Input (RF) = -10dBm Tc=+25°C

Parameter	unit	Min	Typical	Max
Frequency Range, RF & LO	MHz	5	---	1000
Frequency Range, IF	MHz	DC	---	1000
Conversion Loss	dB	-	6.5	9
LO to RF Isolation 5 - 50	dB	30	36	-
LO to RF Isolation 50 - 500	dB	27	33	-
LO to RF Isolation 500 - 1000	dB	22	28	-
LO to IF Isolation 5 - 50	dB	30	45	-
LO to IF Isolation 50 - 500	dB	22	30	-
LO to IF Isolation 500 - 1000	dB	17	20	-

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 and a registered trademark: U.S. Patent Numbers 5,534,830 ; 5,640,132; 5,640,134 ; 5,640,699 Issue (7/97) cnj

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