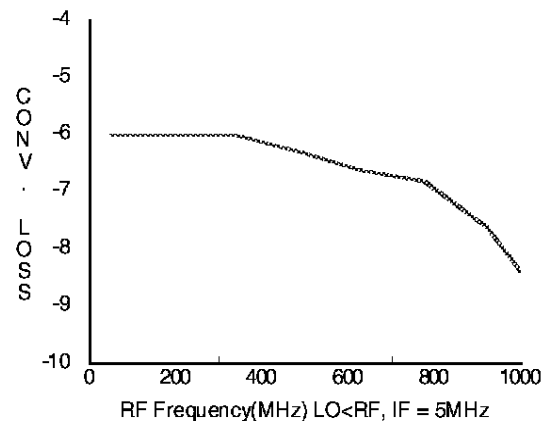
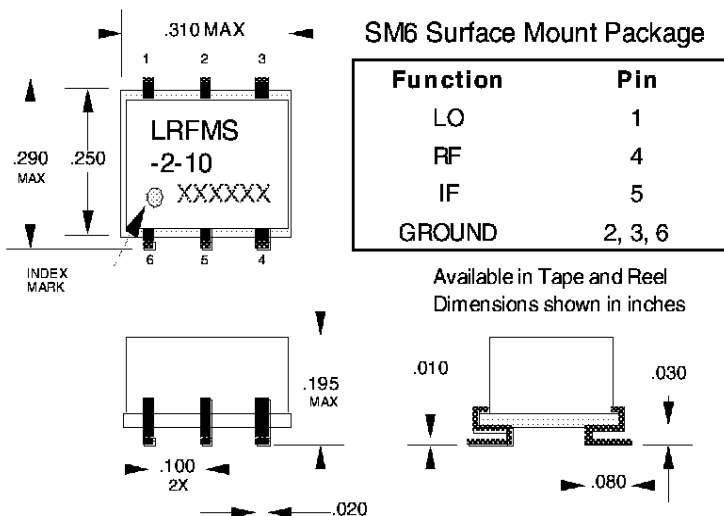


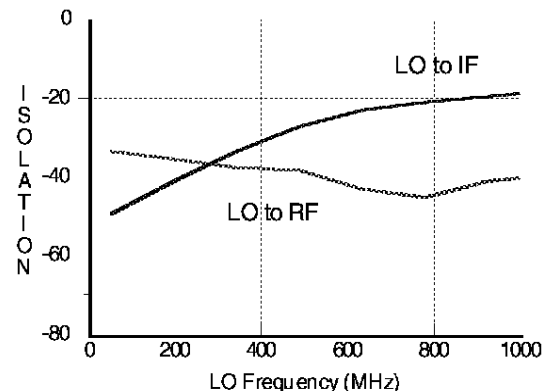
**Surface Mount Mixer
5 to 1000 MHz**
LRFMS-2-10

The LRFMS-2-10 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.

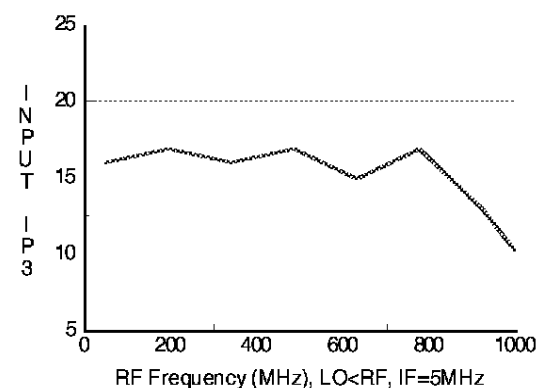
Part Order Number: LRFMS-2-10-SM6

Specifications

LO=+10 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 10 - 50	dB	30	33	-
LO to RF Isolation 50 - 500	dB	27	35	-
LO to RF Isolation 500 - 1000	dB	22	39	-
LO to IF Isolation 10 - 50	dB	35	49	-
LO to IF Isolation 50 - 500	dB	22	27	-
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.