

10 to 1500 MHz

LRFMS-5-13-RM6

The LRFMS-5-13 double balanced mixer is designed for RF and IF conversion applications. This part uses our industry standard stress relieved package.

Specifications

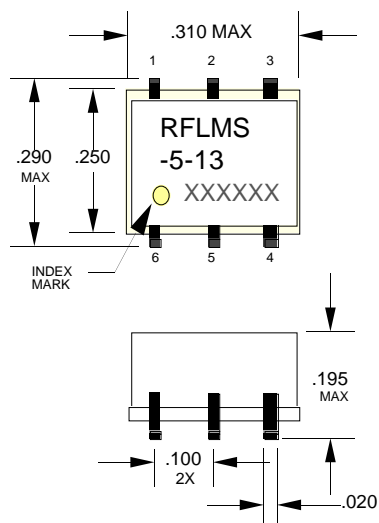
LO=+13dBm Input (RF) = -10 dBm Tc = +25°C

Parameter	Unit	Min	Typical	Max
Frequency Range, RF & LO	MHz	10	---	1500
Frequency Range, IF	MHz	DC	---	1000
Conversion loss	dB	-	6.5	9
LO to RF Isolation 10 - 100	dB	40	44	-
LO to RF Isolation 100 - 750	dB	20	27	-
LO to RF Isolation 750 - 1500	dB	18	20	-
LO to IF Isolation 10 - 100	dB	40	55	-
LO to IF Isolation 100 - 750	dB	20	33	-
LO to IF Isolation 750 - 1500	dB	9	16	-

Absolute Maximum Ratings

Parameter	Maximum
RF Power	+17 dBm
Operating Temperature	-20 to +85 °C
Storage Temperature	-55 to +100 °C
Reflow Temperature	240 °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.



Function	Pin
LO	1
RF	4
IF	5
GROUND	2,3,6

Dimensions shown in inches

