

0.5 to 500 MHz

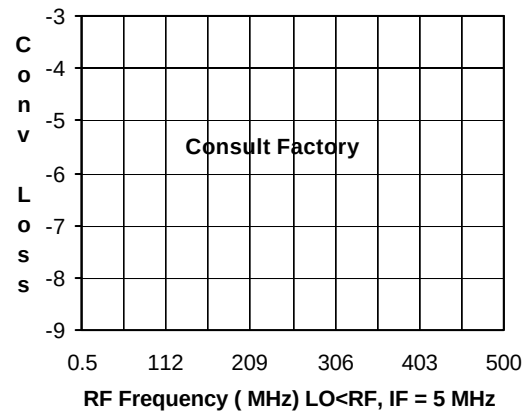
RFLMS-1-RM6

The RFLMS-1 double balanced mixer is designed for applications requiring low conversion loss, high LO Isolation and high input IP3. This part uses our industry standard stress relieved package.

Specifications

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

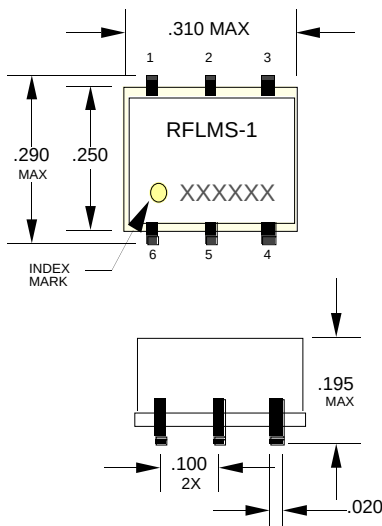
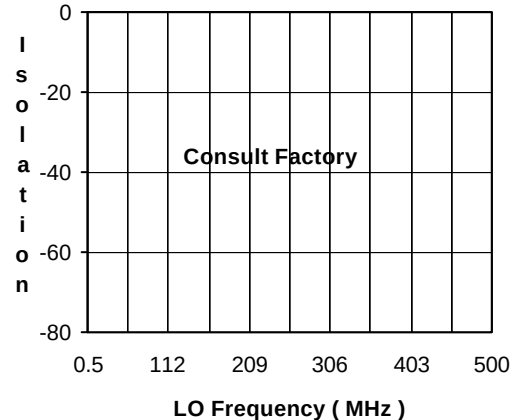
Parameter	Unit	Min	Typical	Max
Frequency Range, RF & LO	MHz	0.5	---	500
Frequency Range, IF	MHz	DC	---	500
Conversion loss	dB	-	6	8
LO to RF Isolation 0.5 - 500	dB	20	35	-
LO to IF Isolation 0.5 - 500	dB	20	30	-
Input IP3	dBm		+17	



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

