

5 to 1500 MHz

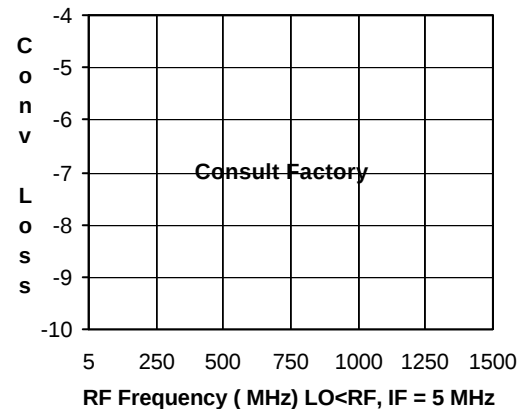
LRFMS-4-RL6

The LRFMS-4 is a LO efficient double balanced mixer for conversion applications requiring low conversion loss, good LO isolations and good IP3 utilising our industry standard stress relieved package.

Specifications

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

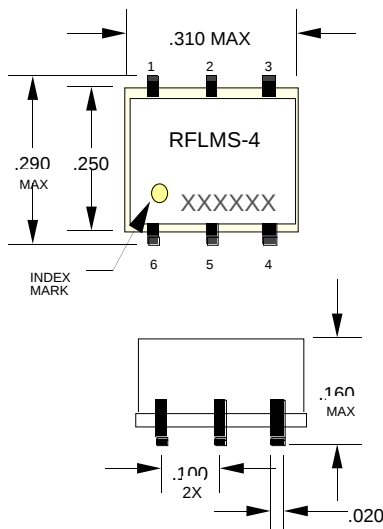
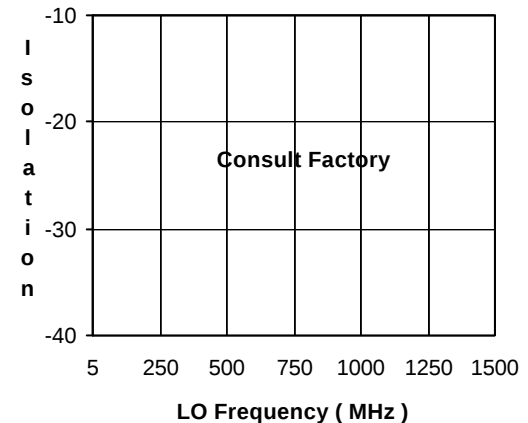
Parameter	Unit	Min	Typical	Max
Frequency Range, RF & LO	MHz	5	---	1500
Frequency Range, IF	MHz	DC	---	1000
Conversion loss	dB	-	7	9
LO to RF Isolation	dB	20	30	-
LO to IF Isolation	dB	18	30	-
P1dB Compression Point	dBm			-
Input IP3	dBm		+13	-



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.



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

Dimensions shown in inches

