



Product Data Sheet

1 to 500 MHz Plug In Mixer

RFLMX-1-13-TH8

Specifications

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

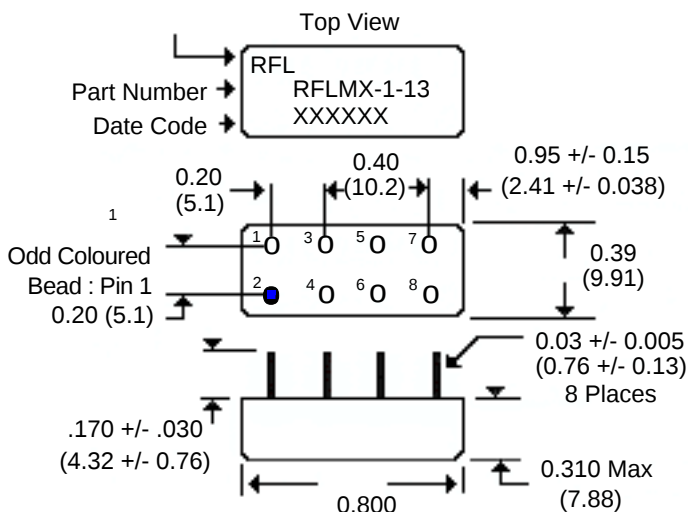
Parameter	unit	Min	Typical	Max
Frequency Range, RF & LO	MHz	1	---	500
Frequency Range, IF	MHz	DC	---	500
Conversion Loss 1-500 MHz	dB	-	6.5	8.5
LO to RF Isolation 1 - 10	dB	35	50	-
LO to RF Isolation 10 - 250	dB	30	45	-
LO to RF Isolation 250 - 500	dB	25	35	-
LO to IF Isolation 1 - 10	dB	30	45	-
LO to IF Isolation 10 - 250	dB	25	40	-
LO to IF Isolation 250 - 500	dB	20	30	-

Absolute Maximum Ratings

Parameter	Maximum
RF Input Power	+9 dBm
Operating Temperature	-55 to +100 °C
Storage Temperature	-55 to +100 °C
Reflow Temperature (10 sec.)	250 °C pin temperature

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.
5. IF Pins must be connected together externally

Letters "RFL" Above Pin 2



Function	Pin
LO	8
RF	1
IF	3, 4
Ground & Case	2, 5, 6, 7

RF Laboratories. Factory 6, 277 Middleborough Road, Box Hill South, Victoria, Australia, 3128

Phone: 61 3 9897 1886 Fax : 61 3 9897 1884