

E-Series Surface Mount Mixer

2 - 500 MHz

EMRS-1MHX2

Features

- * LO Power +13 dBm
- * Up to +9 dBm RF
- * Surface Mount

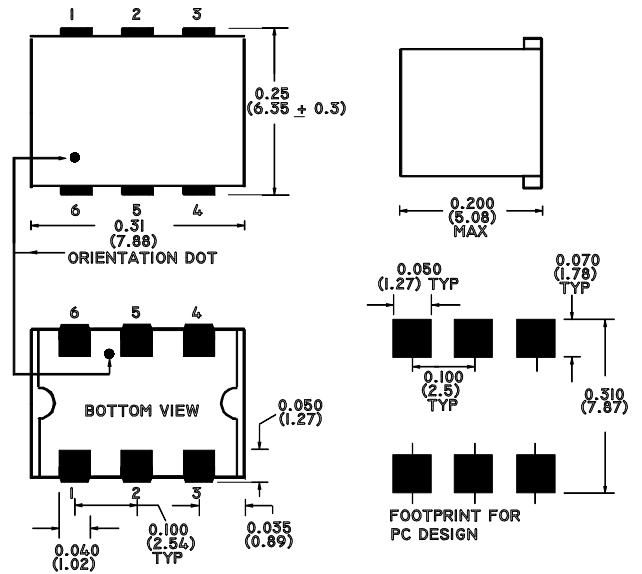
Specifications @ 25°C

Frequency Range	
RF	2 - 500 MHz
LO	2 - 500 MHz
IF	DC - 500 MHz

Conversion Loss (dB)	Typical	
4 - 250 MHz	5.7	7
2 - 500 MHz	6	8

Isolation (dB)	Typical	Minimum
LO to RF		
2 - 20 MHz	58	45
20 - 250 MHz	44	25
250 - 500 MHz	30	20
LO to IF		
2 - 20 MHz	55	40
	36	25

SM-1



Operating Characteristics

Impedance	50 Ohms Nominal
RF input for 1dB Compression	+ 9 dBm

Absolute Maximum Ratings

Parameter	Absolute Maximum
RF Power	150 mW
Peak IF Current	40 mA
Storage Temperature	-55°C to 100°C

Function	Pin No.
LO	1
RF	4
IF	5
Ground	2,3,6
Case Ground	-
Unconnected	-