

E-Series Surface Mount Mixer

2 - 750 MHz

EMRSL-1W

Features

- * LO Power +7 dBm
- * Up to +1 dBm RF
- * Surface Mount

Specifications @ 25°C

Frequency Range	
RF	2 - 750 MHz
LO	2 - 750 MHz
IF	DC - 750 MHz

Conversion Loss (dB)	Typical	Maximum
4 - 375 MHz	6.5	7.5
2 - 750 MHz	6.5	8.5

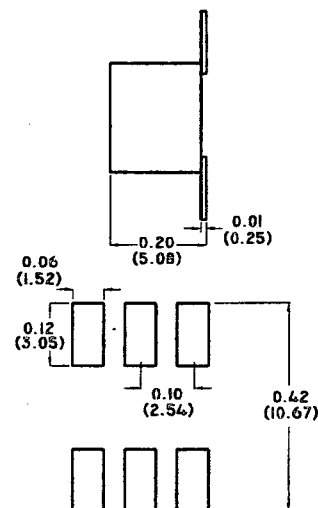
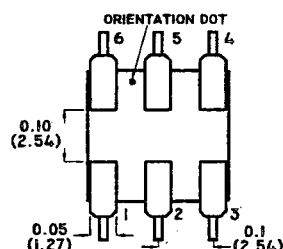
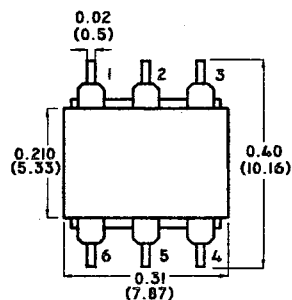
Isolation (dB)	Typical	Minimum
LO to RF		
2 - 20 MHz	65	45
20 - 375 MHz	35	28
375 - 750 MHz	32	22
LO to IF		
2 - 20 MHz	50	45
20 - 375 MHz	40	25
375 - 750 MHz	30	20

Operating Characteristics

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

Absolute Maximum Ratings

Parameter	Absolute Maximum
RF Power	50 mW
Peak IF Current	40 mA
Storage Temperature	-55°C to 100°C
Operating Temperature	-55°C to 100°C
Pin Temperature (10 Seconds)	260°C

SM-24


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