

# E-Series Surface Mount Mixer

## 350 - 2000 MHz

# EMRS-11F

V3.00

### Features

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

### Specifications @ 25°C

Frequency Range		
RF		350 - 2000 MHz
LO		350 - 2000 MHz
IF		DC - 400 MHz
Conversion Loss (dB)		
	Typical	Maximum
350 - 1000 MHz	5.5	7.0
350 - 2000 MHz	6.8	9.2
Isolation (dB)		
	Typical	Minimum
LO to RF		
350 - 750 MHz	25	20
750 - 1000 MHz	25	18
1000 - 2000 MHz	30	20
LO to IF		
350 - 750 MHz	22	14
750 - 1000 MHz	29	22
1000 - 2000 MHz	28	22

### Operating Characteristics

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

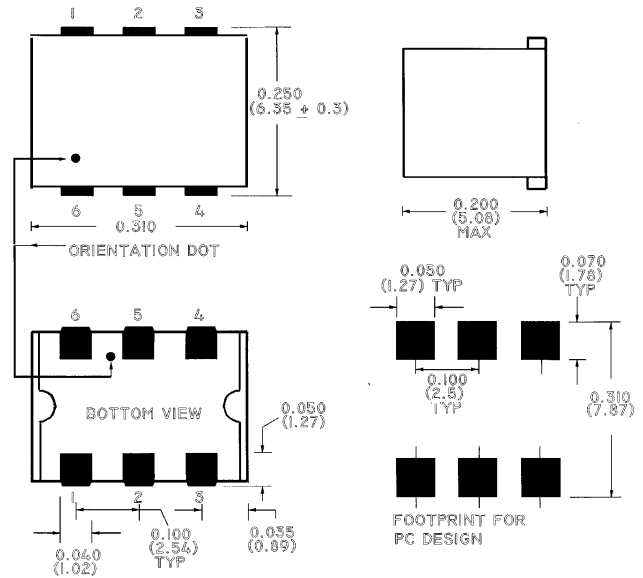
### Ordering Information

<b>Part No.</b>	<b>Packaging</b>
EMRS-11F	Tube
EMRS-11FTR	Forward Tape & Reel

### 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-1



Dimensions in ( ) are in mm.  
Unless Otherwise Noted: .x = ±0.04 (1.00)  
.xx = ±0.02 (0.50)  
.xxx = ±0.010 (0.250)

### Pin Configuration

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

Specifications Subject to Change Without Notice.

S 0764 C

**M/A-COM, Inc.**

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