E-Series Surface Mount Mixer
2000 - 2700 MHz

ESMD-11H

V3.00

Features

- LO Power +17 dBm
- Up to +14 dBm RF
- Surface Mount

Specifications @ 25°C

Frequency Range		
RF		2000 - 2700 MHz
LO		2750 - 3450 MHz
IF		750 MHz
Conversion Loss (dB)	Typical	Maximum
2000 - 2700 MHz	9	12
Isolation (dB)	Typical	Minimum
LO to RF		
2750 - 3450 MHz	20	16
LO to IF		
2750 - 3450 MHz	18	16

Operating Characteristics

Impedance	50 Ohms Nominal
RF input for 1dB Compression	+ 14 dBm

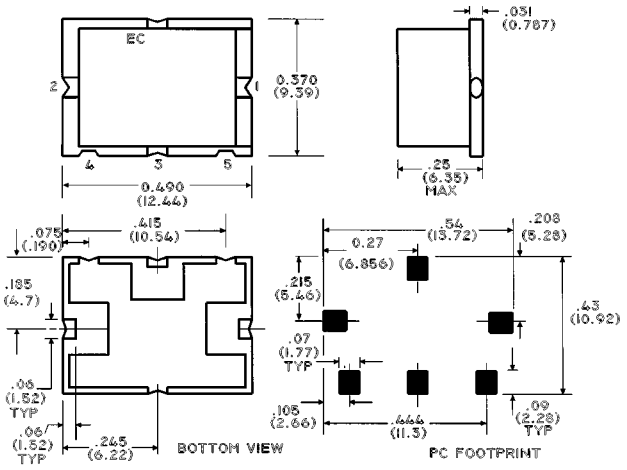
Ordering Information

Part No.	Packaging
ESMD-11H	Tube
ESMD-11HTR	Forward Tape & Reel

Absolute Maximum Ratings

Parameter	Absolute Maximum
RF Power	200 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-2



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	2
RF	1
IF	3
Ground	4,5

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