

E-Series Plug-In Mixer

50 - 1000 MHz

ETUF-2MH, ETUF-2MHSM

V3.00

Features

- LO Power: +13 dBm
- Up to +9 dBm RF

Specifications @ 25°C

Frequency Range		
RF		50 - 1000 MHz
LO		50 - 1000 MHz
IF		DC - 1000 MHz
Conversion Loss (dB)		
100 - 500 MHz	Typical	Maximum
	5.5	7.5
50 - 1000 MHz	7.0	9.0
Isolation (dB)		
LO to RF	Typical	Minimum
50 - 500 MHz	58	40
50 - 1000 MHz	47	30
500 - 1000 MHz	37	25
LO to IF		
50 - 500 MHz	55	35
50 - 1000 MHz	47	20
500 - 1000 MHz	32	18

Operating Characteristics

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

Ordering Information

Part No.	Packaging
ETUF-2MH	R-3 in Tubes
ETUF-2MHSM	R-15 in Tubes
ETUF-2MHSMTR	Tape & Reel

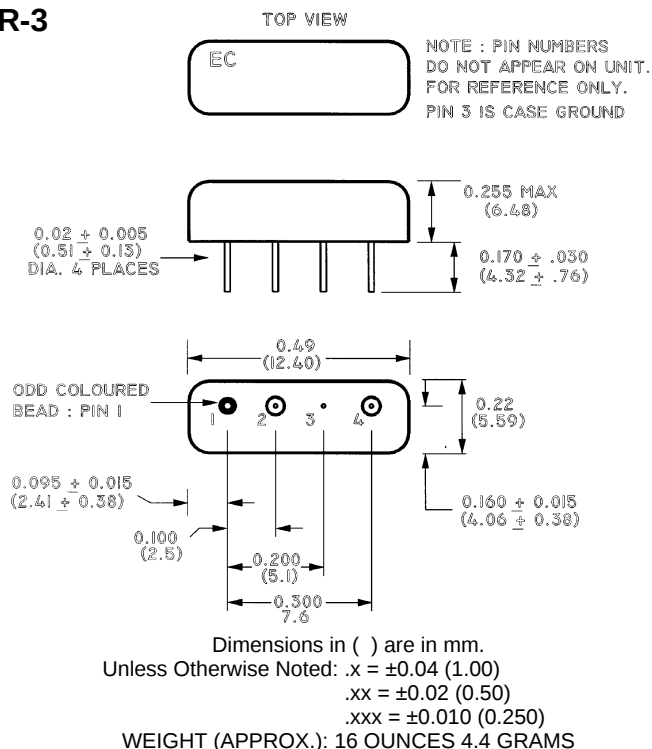
Absolute Maximum Ratings

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	260°C
(10 Seconds)	

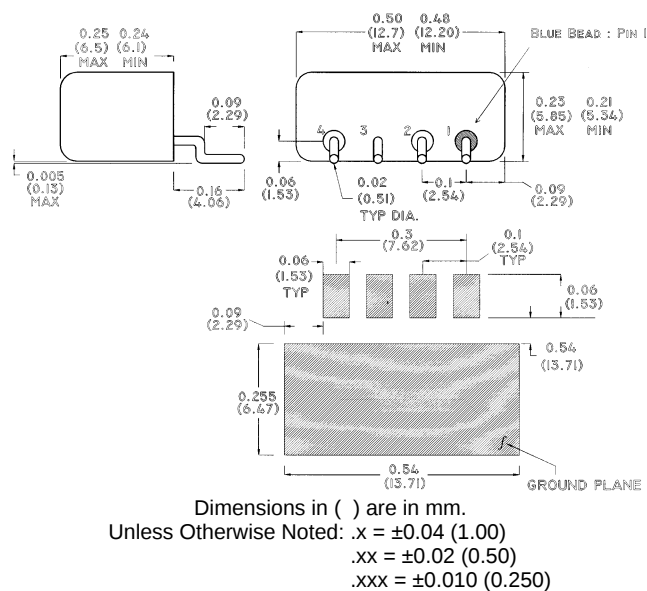
Pin Configuration

Function	Pin No.
LO	4
RF	1
IF	2
Ground	3
Case Ground	3

R-3



R-15



S 0637 C, S 1194 A