

E-Series Plug-In Mixer

50 - 1000 MHz

ETUF-2H, ETUF-2HSM

V3.00

Features

- LO Power: +17 dBm
- Up to +14 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 6.2	Maximum 7.5
50 - 1000 MHz	Typical 8.0	Maximum 9.0
Isolation (dB)		
LO to RF	Typical	Minimum
50 - 500 MHz	58	40
50 - 1000 MHz	47	30
500 - 1000 MHz	42	25
LO to IF		
50 - 500 MHz	52	35
50 - 1000 MHz	44	25
500 - 1000 MHz	28	18

Operating Characteristics

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

Ordering Information

Part No.	Packaging
ETUF-2H	R-3 in Tubes
ETUF-2HSM	R-15 in Tubes
ETUF-2HSMTR	R-15 in Tape & Reel

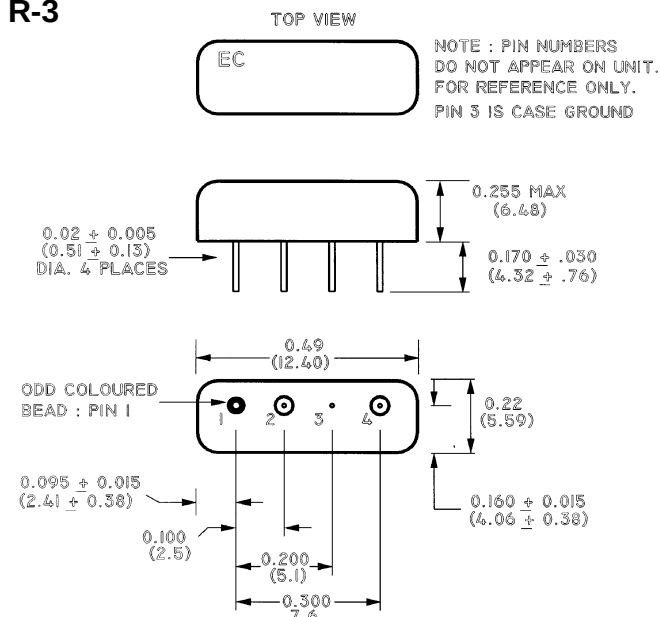
Absolute Maximum Ratings

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

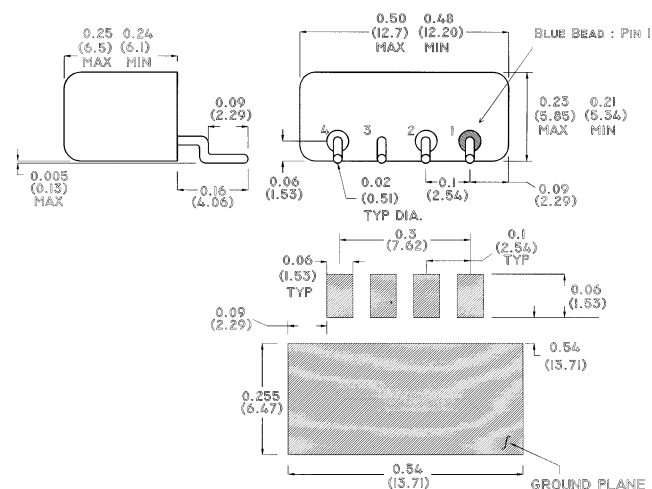
Pin Configuration (Typical)

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

R-3



R-15



S 0915 A, S 0913 A

Specifications Subject to Change Without Notice.

M/A-COM, Inc.

North America: Tel. (800) 366-2266 ■ Asia/Pacific: Tel. +81 (03) 3226-1671 ■ Europe: Tel. +44 (1344) 869 595
Fax (800) 618-8883 Fax +81 (03) 3226-1451 Fax +44 (1344) 300 020