

E-Series Plug-In Mixer

0.15 - 400 MHz

ETUF-3MH

V3.00

Features

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

Specifications @ 25°C

Frequency Range		
RF		0.15 - 400 MHz
LO		0.15 - 400 MHz
IF		DC - 400 MHz
Conversion Loss (dB)		
0.3 - 200 MHz	Typical	Maximum
	5.0	7.0
0.15 - 400 MHz	5.5	8.0
Isolation (dB)		
LO to RF	Typical	Minimum
0.15 - 1.5 MHz	60	50
1.5 - 200 MHz	46	30
200 - 400 MHz	35	25
LO to IF		
0.15 - 1.5 MHz	60	40
1.5 - 200 MHz	42	25
200 - 400 MHz	35	20

Operating Characteristics

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

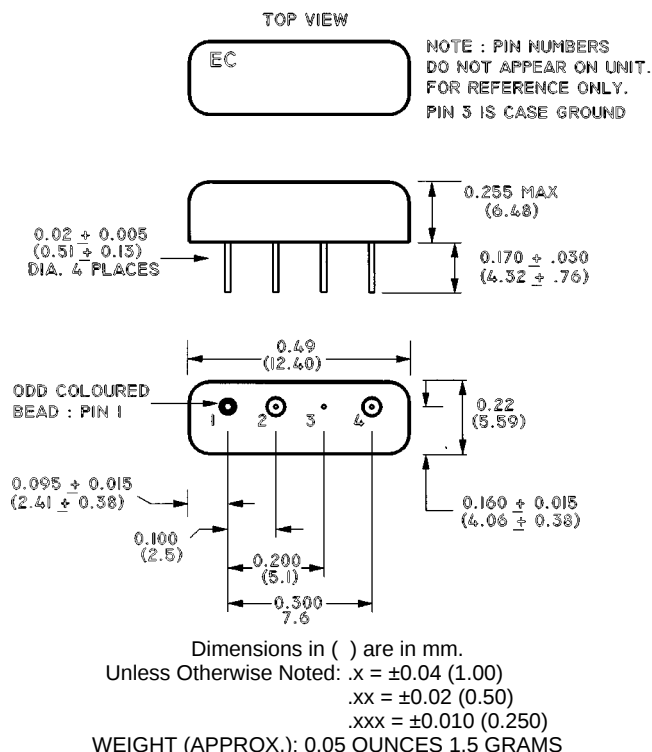
Ordering Information

Part No.	Packaging
ETUF-3MH	Tubes

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

R-3



Pin Configuration

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

S 0569 C

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