

E-Series Plug-In Mixer

20 - 1500 MHz

ETUF-5, ETUF-5SM

V3.00

Features

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

Specifications @ 25°C

Frequency Range		
RF		20 - 1500 MHz
LO		20 - 1500 MHz
IF		DC - 1000 MHz
Conversion Loss (dB)		
40 - 750 MHz	Typical 6.5	Maximum 7.5
20 - 1500 MHz	7.0	9.0
Isolation (dB)		
LO to RF		Minimum
20 - 200 MHz	55	40
200 - 750 MHz	35	25
750 - 1500 MHz	35	25
LO to IF		
20 - 200 MHz	40	25
200 - 750 MHz	25	18
750 - 1500 MHz	22	8

Operating Characteristics

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

Ordering Information

Part No.	Packaging
ETUF-5	R-3 in Tubes
ETUF-5SM	R-15 in Tubes
ETUF-5SMTR	R-15 in Tape & Reel

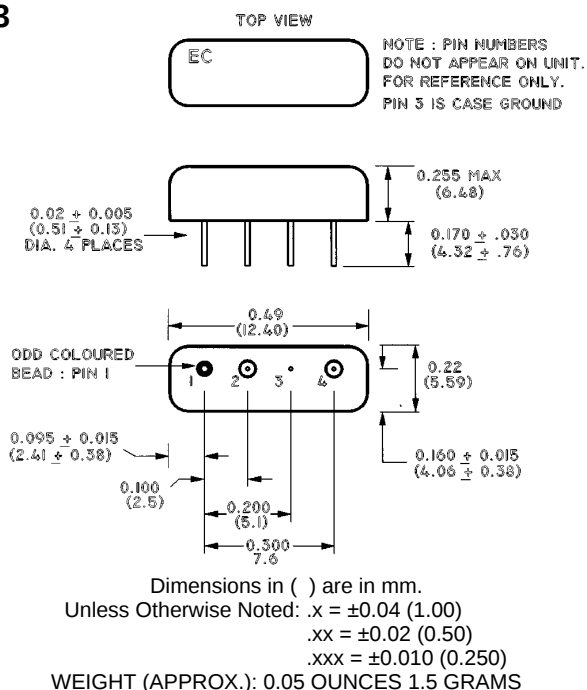
Absolute Maximum Ratings

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

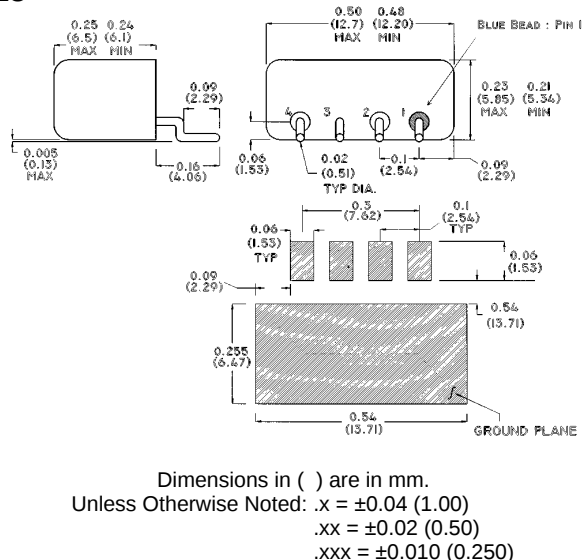
Pin Configuration

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

R-3



R-15



S 0670 C, S 1188 B

M/A-COM, Inc.

Specifications Subject to Change Without Notice.

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