

E-Series Plug-In Mixer

20 - 1500 MHz

ETUF-5H, ETUF-5HSM

V3.00

Features

- LO Power: +17 dBm
- Up to +14 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	Maximum
20 - 1500 MHz	7.0	8.5
	8.0	9.0
Isolation (dB)		
LO to RF	Typical	Minimum
20 - 200 MHz	60	55
200 - 750 MHz	35	30
750 - 1500 MHz	30	25
LO to IF		
20 - 200 MHz	40	25
200 - 750 MHz	25	18
750 - 1500 MHz	20	8

Operating Characteristics

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

Ordering Information

Part No.	Packaging
ETUF-5H	R-3 in Tubes
ETUF-5HSM	R-15 in Tubes
ETUF-5HSMTR	R-15 in Tape & Reel

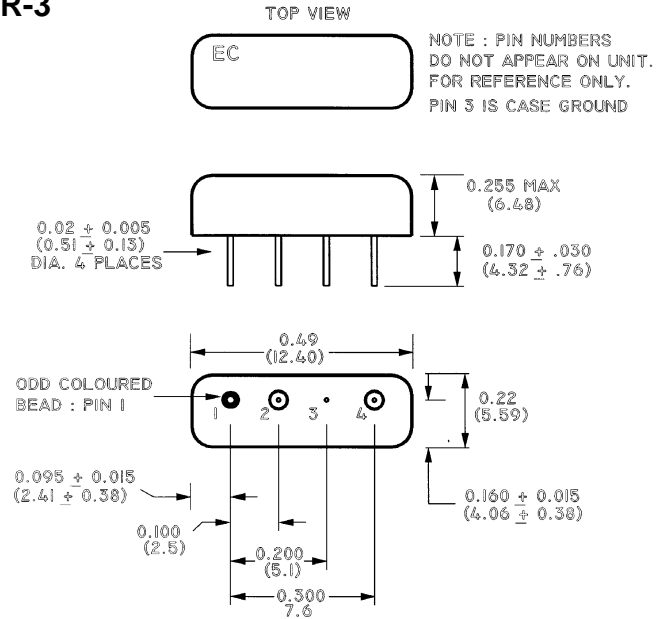
Absolute Maximum Ratings

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	260°C
(10 Seconds)	

Pin Configuration

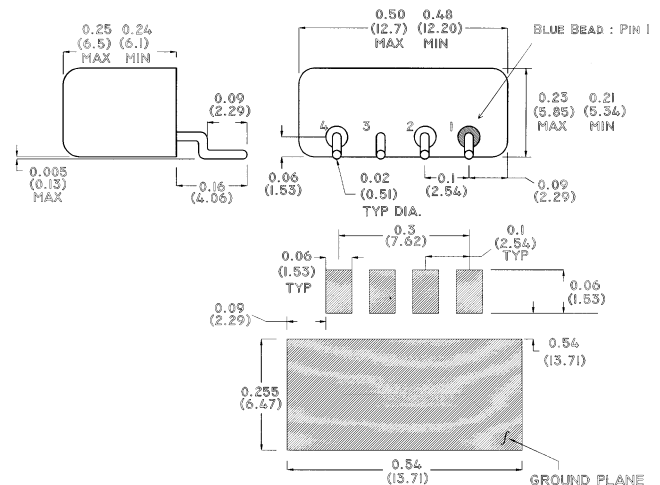
Function	Pin No.
LO	4
RF	1
IF	2
Ground	3
Case Ground	3

R-3



Dimensions in () are in mm.
Unless Otherwise Noted: .x = ±0.04 (1.00)
.xx = ±0.02 (0.50)
.xxx = ±0.010 (0.250)
WEIGHT (APPROX.): 16 OUNCES 4.4 GRAMS

R-15



Dimensions in () are in mm.
Unless Otherwise Noted: .x = ±0.04 (1.00)
.xx = ±0.02 (0.50)
.xxx = ±0.010 (0.250)

S 0692 C, S 1195 A

Specifications Subject to Change Without Notice.

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