

E-Series Plug-In Mixer

800 - 1050 MHz

ETUF-860, ETUF-860SM

V3.00

Features

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

Specifications @ 25°C

Frequency Range		
RF		800 - 1050 MHz
LO		800 - 1050 MHz
IF		DC - 250 MHz
Conversion Loss (dB)	Typical	Maximum
800 - 1050 MHz	6.6	7.75
Isolation (dB)	Typical	Minimum
LO to RF		
800 - 1050 MHz	30	25
LO to IF		
800 - 1050 MHz	28	20

Operating Characteristics

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

Ordering Information

Part No.	Packaging
ETUF-860	R-3 in Tubes
ETUF-860SM	R-15 in Tubes
ETUF-860SMTR	R-15 in Tape & Reel

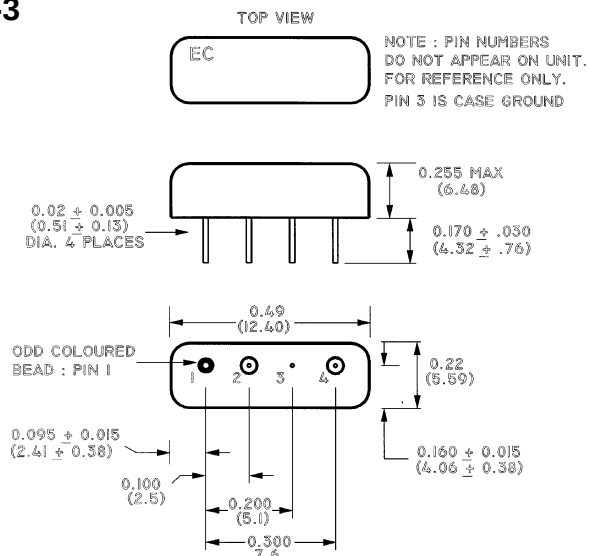
Absolute Maximum Ratings

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

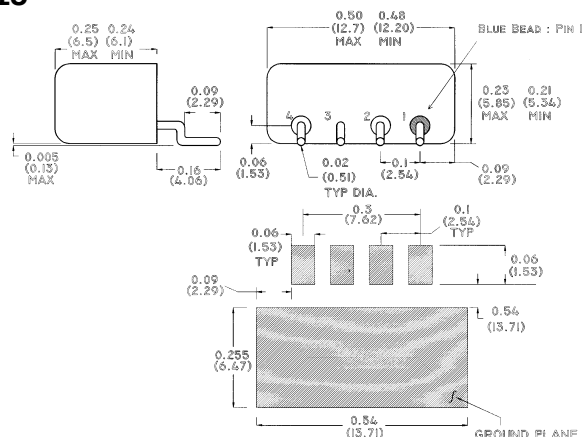
Function	Pin No.
LO	4
RF	1
IF	2
Ground	3
Case Ground	3

R-3



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.): 0.05 OUNCES 1.5 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 0749 C, S 1190 B

Specifications Subject to Change Without Notice.

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