

E-Series Plug-In Mixer

800 - 1050 MHz

ETUF-860MH, ETUF-860MHSM

V3.00

Features

- LO Power: +13 dBm
- Up to +9 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	7.0	8.3
Isolation (dB)	Typical	Minimum
LO to RF		
800 - 1050 MHz	24	20
LO to IF		
800 - 1050 MHz	22	18

Operating Characteristics

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

Ordering Information

Part No.	Packaging
ETUF-860MH	R-3 in Tubes
ETUF-860MHSM	R-15 in Tubes
ETUF-860MHSMTR	R-15 in Tape & Reel

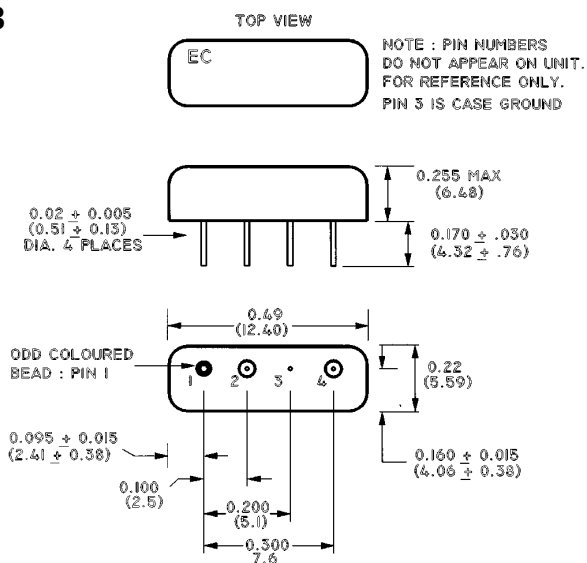
Absolute Maximum Ratings

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

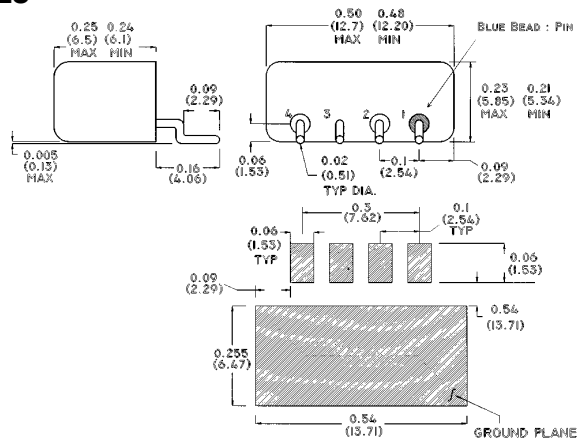
Function	Pin No.
LO	4
RF	1
IF	2
Ground	3
Case Ground	3

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 0829 B, S 1197 A