

E-Series Plug-In Mixer

10 - 2000 MHz

EMA-11MH

V3.00

Features

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

Specifications @ 25°C

Frequency Range		
RF		10 - 2000 MHz
LO		10 - 2000 MHz
IF		DC - 600 MHz
Conversion Loss (dB)	Typical	Maximum
	20 - 1000 MHz	8.0
	10 - 2000 MHz	8.5
Isolation (dB)	Typical	Minimum
	LO to RF	
	10 - 100 MHz	40
	100 - 1000 MHz	38
	1000 - 2000 MHz	32
	LO to IF	
	10 - 100 MHz	35
	100 - 1000 MHz	30
	1000 - 2000 MHz	20

Operating Characteristics

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

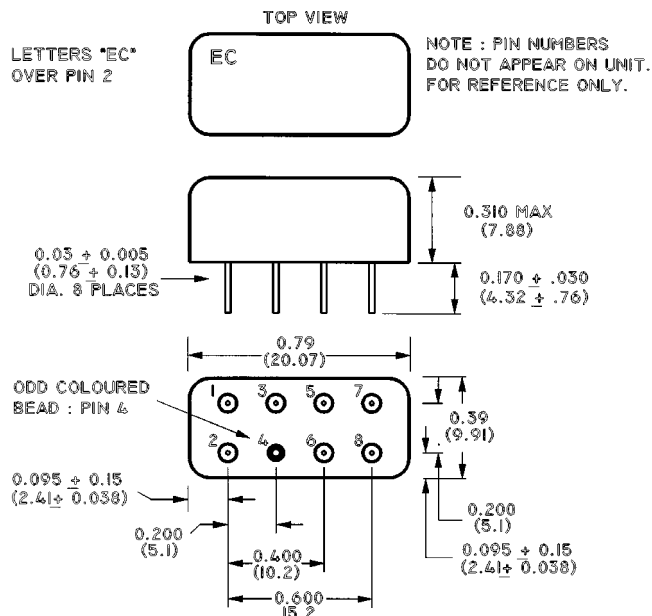
Ordering Information

Part No.	Packaging
EMA-11MH	Tube
EMA-11MHTR	Forward 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

R-1



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.): 0.16 OUNCES 4.4 GRAMS

Pin Configuration

Function	Pin No.
LO	8
RF	1
IF	3
Ground	2,5,6,7
Case Ground	2,5,6,7
Unconnected	4

S 0008 B