



E-Series Plug-In Mixer

10 – 2000 MHz

EMA-11MH

Features

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

Specifications @ 25°C

Frequency Range			
RF, LO			10–2000 MHz
IF			DC–600 MHz
Conversion Loss			
20–1000 MHz	7.0 dB Typ	8.0 dB Max	
10–2000 MHz	7.5 dB Typ	8.5 dB Max	
Isolation			
LO to RF			
10–100 MHz	40 dB Typ	30 dB Min	
100–1000 MHz	38 dB Typ	30 dB Min	
1000–2000 MHz	32 dB Typ	25 dB Min	
LO to IF			
10–100 MHz	35 dB Typ	30 dB Min	
100–1000 MHz	30 dB Typ	25 dB Min	
1000–2000 MHz	30 dB Typ	20 dB Min	

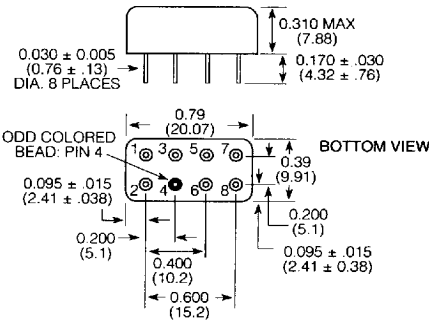
Operating Characteristics

Impedance	50 Ohms Nominal
RF Input for 1 dB Compression	+10 dBm

Absolute Maximum Ratings

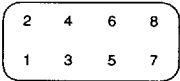
Parameter	Absolute Maximum
RF Power	200 mW
Peak IF Current	40 mA
Operating/Storage Temp	–55 °C to +100 °C
Pin Temperature (10 sec.)	+260 °C

R-1



WEIGHT (APPROX.): 0.16 OUNCES 4.4 GRAMS

Pin Configuration (Top View)



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

Specifications Subject to Change Without Notice

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