

# E-Series Coupler

## 5 - 1000 MHz

# EMDC-13-2

V3.00

### Features

- Coupling: +13 dB Typical
- Surface Mount

### Specifications @ 25°C

Frequency Range	5 - 1000 MHz	
Coupling	Nominal	Flatness
5 - 1000 MHz	13 ±1 dB	0.8 dB
Main Line Loss	Typical	Maximum
5 - 50 MHz	1.1 dB	1.5 dB
50 - 500 MHz	1.2 dB	1.8 dB
500 - 1000 MHz	1.4 dB	2.0 dB
Directivity	Typical	Minimum
5 - 50 MHz	28 dB	23 dB
50 - 500 MHz	20 dB	12 dB
500 - 1000 MHz	13 dB	8 dB
Return Loss	Typical	Minimum
	17 dB	12 dB

### Operating Characteristics

Impedance	50 Ohms Nominal
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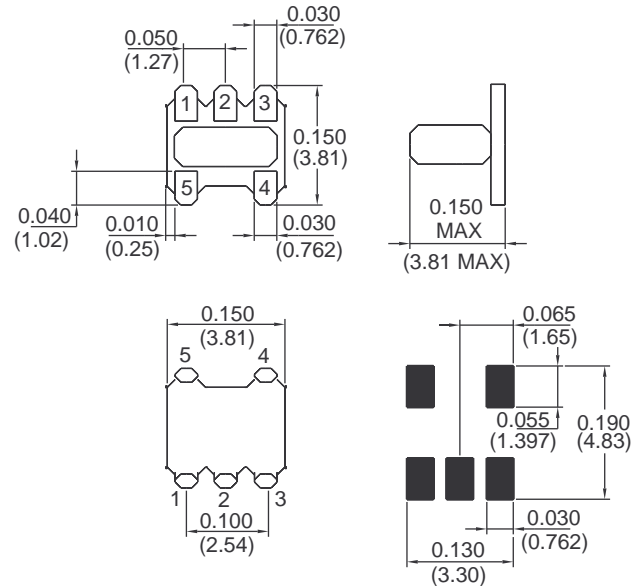
### Ordering Information

<b>Part No.</b>	<b>Packaging</b>
EMDC-13-2	Tube
EMDC-13-2TR	Forward Tape & Reel

### Absolute Maximum Ratings

Parameter	Absolute Maximum
RF Power	250 mW
DC Current	30 mA
Operating/Storage Temp.	-20°C to +85°C

### SM-22



### Pin Configuration

Function	Pin No.
Input	1
Output	5
Coupled	3
Ground	2
External 50 Ohms	4

Specifications Subject to Change Without Notice.

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