



# E-Series Coupler 5 - 1000 MHz

## EMDC-10-1-75

V3.00

### Features

- Coupling: +10 dB Typical
- Surface Mount

### Specifications @ 25°C

Frequency Range	5 - 1000 MHz	
Coupling	Nominal	Flatness
5 - 1000 MHz	10 ±1.1 dB	1 dB
Main Line Loss	Typical	Maximum
5 - 50 MHz	1.5 dB	1.9 dB
50 - 500 MHz	1.3 dB	1.7 dB
500 - 1000 MHz	1.4 dB	1.9 dB
Directivity	Typical	Minimum
5 - 50 MHz	22 dB	19 dB
50 - 500 MHz	20 dB	13 dB
500 - 1000 MHz	12 dB	6 dB
Return Loss	Typical	Minimum
	16 dB	11 dB

### Operating Characteristics

Impedance	75 Ohms Nominal
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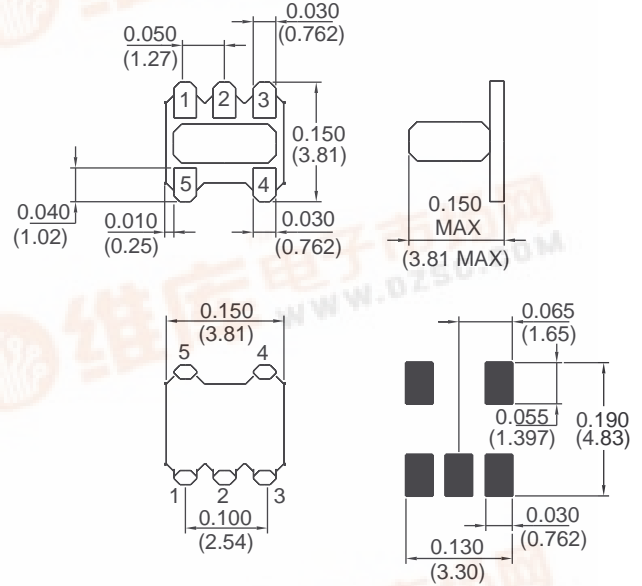
### Ordering Information

<b>Part No.</b>	<b>Packaging</b>
EMDC-10-1-75	Tube
EMDC-10-1-75TR	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	3
Output	4
Coupled	1
Ground	2
External 75 Ohms	5