



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
-----------	-----------------

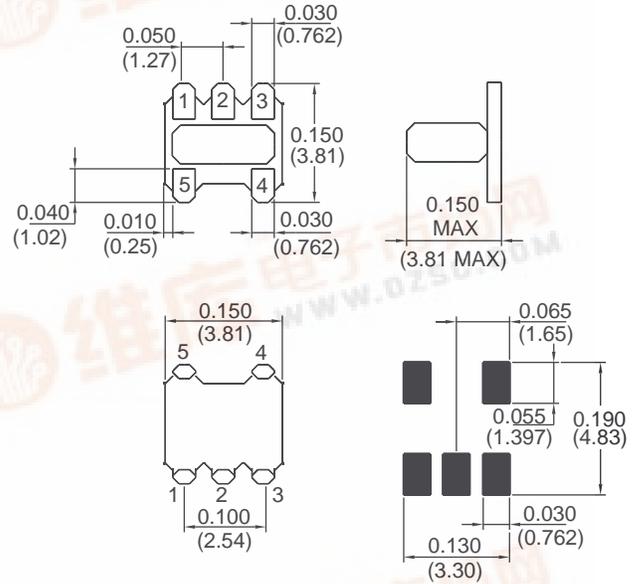
Ordering Information

Part No.	Packaging
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