

# E-Series Coupler

## 350 - 450 MHz

# EMDC-20-1

V3.00

### Features

- Coupling: +20 dB Typical
- Surface Mount

### Specifications @ 25°C

Frequency Range	350 - 450 MHz	
Coupling	20 ±1 dB Nominal	
350 - 450 MHz		
Main Line Loss	Typical	Maximum
350 - 450 MHz	0.25 dB	0.5 dB
Directivity	Typical	Minimum
350 - 450 MHz	18 dB	14 dB
VSWR	Typical	Maximum
350 - 450 MHz	1.1:1	1.5:1

### Operating Characteristics

Impedance	50 Ohms Nominal
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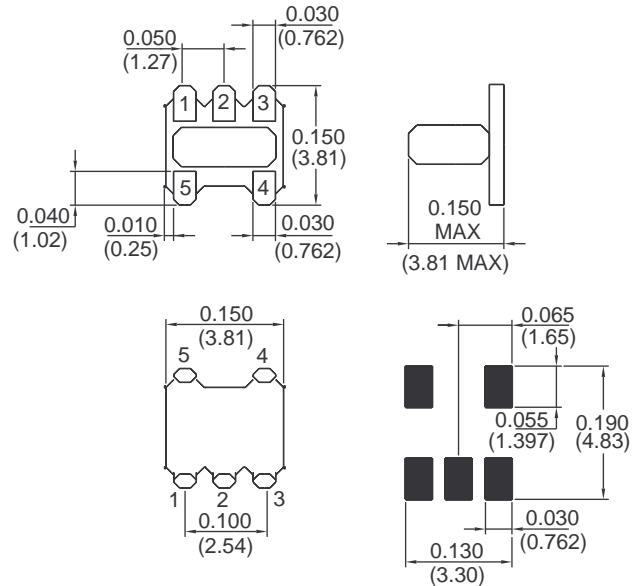
### Ordering Information

Part No.	Packaging
EMDC-20-1	Tube
EMDC-20-1TR	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



Dimensions in ( ) are in mm.  
 Unless Otherwise Noted: .x = ±0.04 (1.00)  
 .xx = ±0.02 (0.50)  
 .xxx = ±0.010 (0.250)

### Pin Configuration

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

Specifications Subject to Change Without Notice.

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