

E-Series Coupler

5 - 1000 MHz

EMDC-17-1-75

V2.00

Features

- Coupling: +17 dB Typical
- Surface Mount

Specifications @ 25°C

Frequency Range	5 - 1000 MHz	
Coupling	Nominal	Flatness
5 - 1000 MHz	17 ±1.2 dB	1.5 dB
Main Line Loss	Typical	Maximum
5 - 50 MHz	0.5 dB	0.9 dB
50 - 500 MHz	0.5 dB	0.9 dB
500 - 1000 MHz	0.9 dB	1.6 dB
Directivity	Typical	Minimum
5 - 50 MHz	30 dB	25 dB
50 - 500 MHz	15 dB	7 dB
500 - 1000 MHz	7 dB	3 dB

Operating Characteristics

Impedance	75 Ohms Nominal
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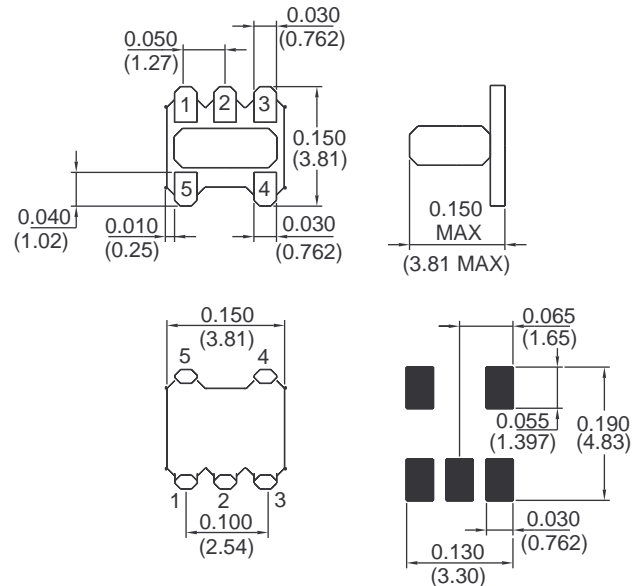
Ordering Information

Part No.	Package
EMDC-17-1-75	Tube
EMDC-17-1-75TR	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



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 75 Ohms	5

S 1077 A

Specifications Subject to Change Without Notice.

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