

E-Series Coupler

5 - 900 MHz

EMDC-8-1-75

V3.00

Features

- Coupling: +8.5 dB Typical
- Surface Mount

Specifications @ 25°C

Frequency Range	5 - 900 MHz	
Coupling	Nominal	Flatness
5 - 900 MHz	8.5 ±1.4 dB	1 dB
Main Line Loss	Typical	Maximum
5 - 50 MHz	1.6 dB	2.8 dB
50 - 450 MHz	1.6 dB	2.0 dB
450 - 900 MHz	1.6 dB	2.0 dB
Directivity	Typical	Minimum
5 - 50 MHz	18 dB	14 dB
50 - 450 MHz	17 dB	10 dB
450 - 900 MHz	14 dB	7 dB
Return Loss	Typical	Minimum
	14 dB	10 dB

Operating Characteristics

Impedance	75 Ohms Nominal
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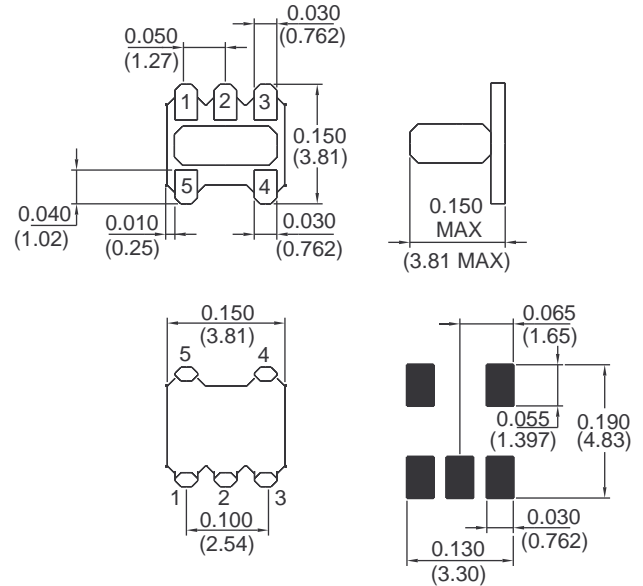
Ordering Information

Part No.	Packaging
EMDC-8-1-75	Tube
EMDC-8-1-75TR	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

Specifications Subject to Change Without Notice.

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