

# 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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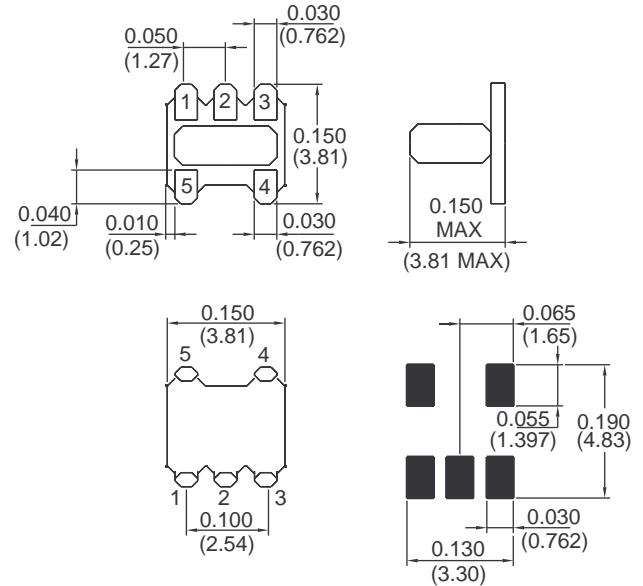
### Ordering Information

<b>Part No.</b>	<b>Packaging</b>
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



### 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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**M/A-COM, Inc.**

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North America: Tel. (800) 366-2266 ■ Asia/Pacific: Tel. +81 (03) 3226-1671 ■ Europe: Tel. +44 (1344) 869 595  
 Fax (800) 618-8883 Fax +81 (03) 3226-1451 Fax +44 (1344) 300 020