

E-Series Coupler

6 - 600 MHz

EMDC-16-1

V3.00

Features

- Coupling: +16 dB Typical
- Surface Mount

Specifications @ 25°C

Frequency Range	6 - 600 MHz	
Coupling	Nominal	Flatness
6 - 600 MHz	16 ±0.8 dB	1 dB
Main Line Loss	Typical	Maximum
6 - 600 MHz	0.6 dB	0.9 dB
Directivity	Typical	Minimum
6 - 60 MHz	30 dB	20 dB
60 - 300 MHz	27 dB	20 dB
300 - 600 MHz	21 dB	10 dB

Operating Characteristics

Impedance	50 Ohms Nominal
-----------	-----------------

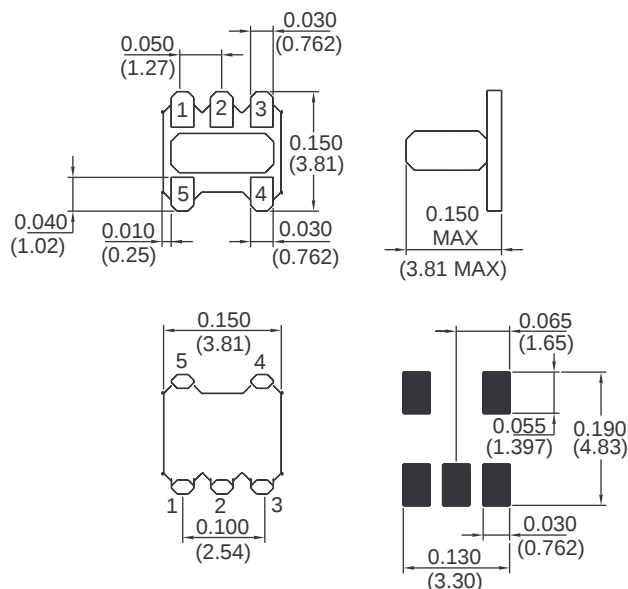
Ordering Information

Part No.	Packaging
EMDC-16-1	Tube
EMDC-16-1TR	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.

S 1029 A

M/A-COM, Inc.

1

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