

# E-Series 75 Ohm Coupler

## 40 - 1000 MHz

EMDC-20-2-75

### Features

- \* Typical Coupling -20 dB
- \* Surface Mount

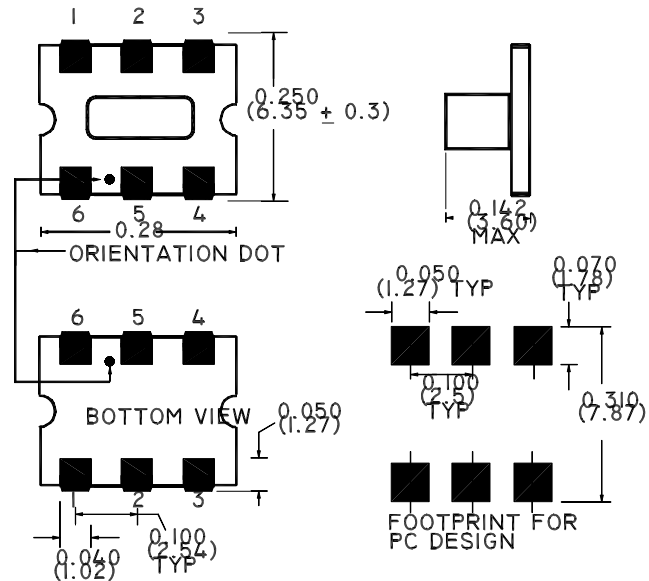
### SM-55

### Description

M/A-COM's EMDC-20-2-75 is a 75 Ohm Non Directional Coupler, in a Low Cost, Surface Mount Package. Ideally used with a 75 Ohm resistor in series with the Coupled Port.

### Specifications @ 25°C

Frequency Range	40 - 1000 MHz	
Mainline Loss	Typical	Maximum
40 - 1000 MHz	0.4 dB	0.7 dB
Coupling	Nominal	Flatness
40 - 500 MHz	20 +/-1	1.0 dB
500 - 870 MHz	20 +/-3	2.0 dB
870 - 1000 MHz	20 +/-4	3.0 dB



Function	Pin No.
Input	6
Output	1
Coupled	4
Ground	5
Case Ground	-
Not Connected	2, 3
External 75 Ohms	-

### Operating Characteristics

Impedance 75 Ohms Nominal

### Absolute Maximum Ratings

Parameter	Absolute Maximum
RF Power	250 mWatt
DC Current	30 mA
Operating/Storage Temp.	-20°C to +85°C