

# E-Series Coupler

## 380 - 520 MHz

**ESDC-11-1**

V3.00

### Features

- Coupling: +11 dB Typical
- Surface Mount

### Specifications @ 25°C

Frequency Range	380 - 520 MHz	
Coupling	Nominal	Flatness
380 - 520 MHz	11 ±1 dB	0.4 dB
Main Line Loss	Typical	Maximum
380 - 520 MHz	0.9 dB	1.2 dB
Directivity	Typical	Minimum
380 - 520 MHz	18 dB	15 dB
VSWR	Typical	
380 - 520 MHz	1.3:1	

### Operating Characteristics

Impedance	50Ohms Nominal
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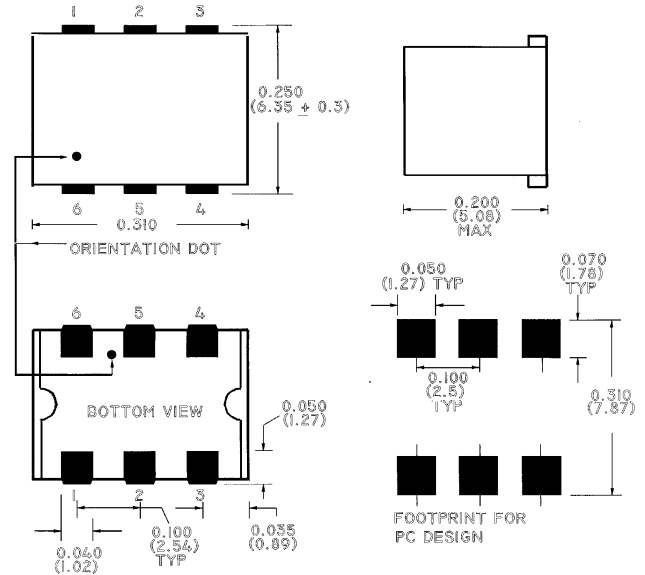
### Ordering Information

<b>Part No.</b>	<b>Packaging</b>
ESDC-11-1	Tube
ESDC-11-1TR	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-1



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	6
Output	1
Coupled	4
Ground	5
External 50 Ohms	3
Not Connected	2

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Specifications Subject to Change Without Notice.

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