

# E-Series Coupler

## 800 - 900 MHz

### ESDC-10-5

V3.00

#### Features

- Coupling: +10 dB Typical
- Surface Mount

#### Specifications @ 25°C

Frequency Range	800 - 900 MHz	
Coupling	Nominal	Flatness
800 - 900 MHz	10 ±0.9 dB	0.4 dB
Main Line Loss	Typical	Maximum
800 - 900 MHz	1.2 dB	2.0 dB
Directivity	Typical	Minimum
800 - 900 MHz	10 dB	6 dB
Return Loss	Typical	Minimum
	12 dB	8 dB

#### Operating Characteristics

Impedance	50 Ohms Nominal
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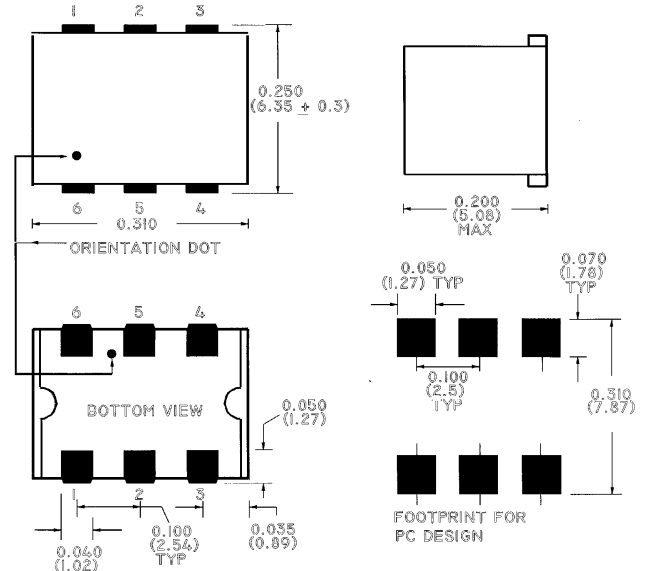
#### Ordering Information

<b>Part No.</b>	<b>Packaging</b>
ESDC-10-5	Tub
ESDC-10-5TR	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
Case Ground	5
External 50 Ohms	3
Not Connected	2

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Specifications Subject to Change Without Notice.

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