

E-Series Coupler

50 - 950 MHz

ESDC-10-4-75

V3.00

Features

- Coupling: +10 dB Typical
- Surface Mount

Specifications @ 25°C

Frequency Range	50 - 950 MHz	
Coupling	Nominal	Flatness
50 - 950 MHz	10 ±1 dB	0.9 dB
Main Line Loss	Typical	Maximum
50 - 950 MHz	1.3 dB	2 dB
Directivity	Typical	Minimum
50 - 950 MHz	17 dB	10 dB
VSWR	Typical	Maximum
50 - 950 MHz	1.2:1	1.6:1

Operating Characteristics

Impedance	75 Ohms Nominal
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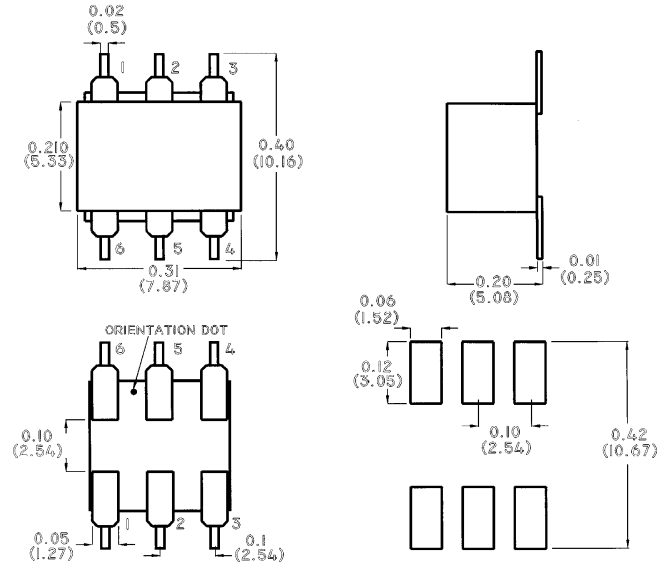
Ordering Information

Part No.	Packaging
ESDC-10-4-75	Tube
ESDC-10-4-75TR	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-24



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	2
Case Ground	2
Not Connected	3,5

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Specifications Subject to Change Without Notice.

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