

E-Series Coupler

5 - 1000 MHz

ESDC-17-1

V3.00

Features

- Coupling: +17 dB Typical
- Surface Mount

Specifications @ 25°C

Frequency Range	5 - 1000 MHz	
Coupling	Nominal	Flatness
5 - 1000 MHz	17 ±0.8 dB	0.8 dB
Main Line Loss	Typical	Maximum
5 - 50 MHz	0.6 dB	1.0 dB
50 - 500 MHz	0.6 dB	1.0 dB
500 - 1000 MHz	0.8 dB	1.7 dB
Directivity	Typical	Minimum
5 - 50 MHz	23 dB	18 dB
50 - 500 MHz	22 dB	15 dB
500 - 1000 MHz	15 dB	10 dB
Return Loss	Typical	Minimum
	17 dB	14 dB

Operating Characteristics

Impedance	50 Ohms Nominal
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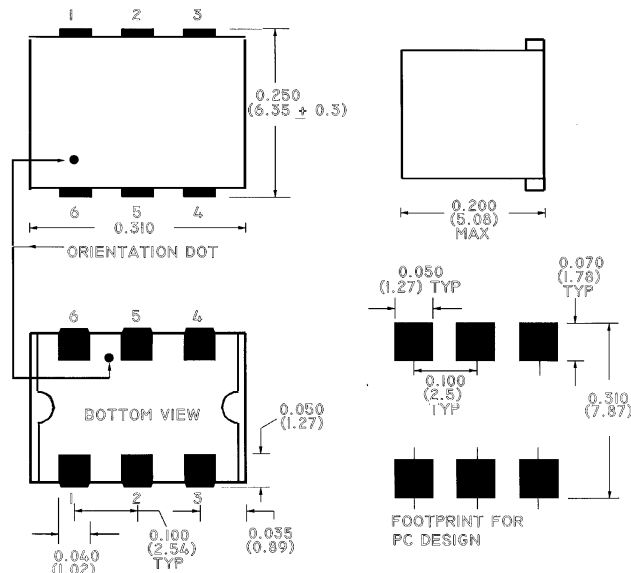
Ordering Information

Part No.	Packaging
ESDC-17-1	Tube
ESDC-17-1TR	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	4
Output	3
Coupled	6
Ground	2,5
External 50 Ohms	1

S 1036 A