

E-Series Coupler

902 - 928 MHz

ESDC-10-4

V2.00

Features

- Coupling: +10 dB Typical
- Surface Mount

Specifications @ 25°C

Frequency Range	902 - 928 MHz	
Coupling	Nominal	Flatness
902 - 928 MHz	10 ±0.9 dB	0.4 dB
Main Line Loss	Typical	Maximum
902 - 928 MHz	1.2 dB	2 dB
Directivity	Typical	Minimum
902 - 928 MHz	10 dB	6 dB
Return Loss	Typical	Minimum
	12 dB	8 dB

Operating Characteristics

Impedance	50 Ohms Nominal
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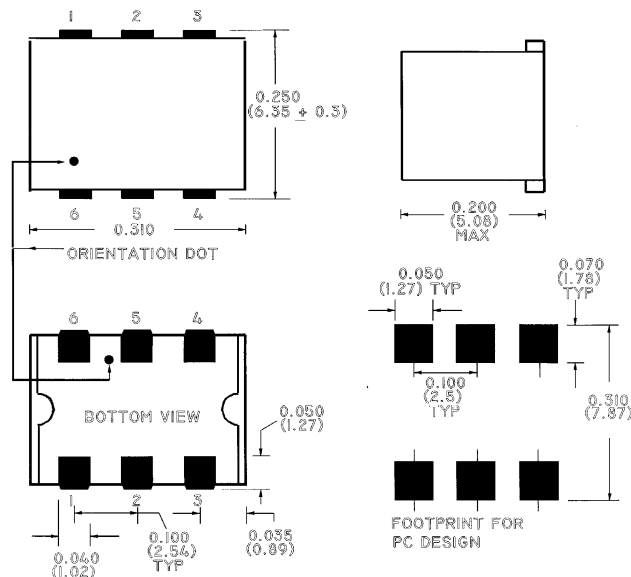
Ordering Information

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