

# E-Series Coupler

## 5 - 1000 MHz

# ESDC-17-3-75

### Features

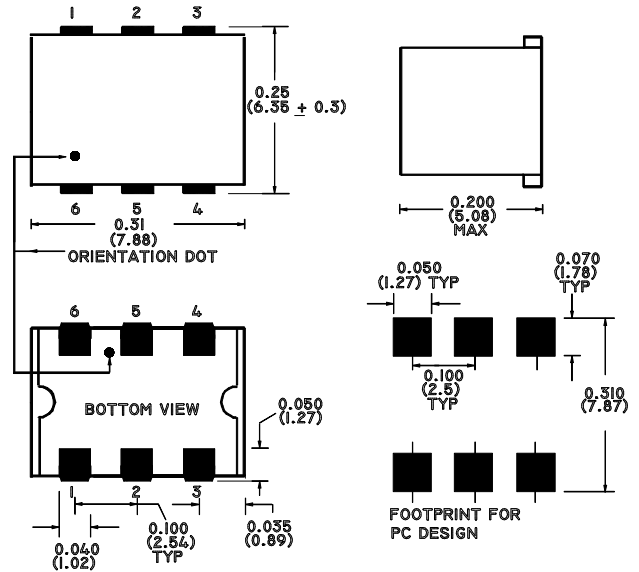
- \* Coupling +17 dB Typical
- \* Surface Mount

### Specifications @ 25°C

Frequency Range	5 - 1000 MHz
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Coupling 5 - 1000 MHz	Nominal 17±1 dB	Flatness 00.8 dB
Main Line Loss	Typical	Maximum
5 - 50 MHz	00.6 dB	1.3 dB
50 - 500 MHz	00.6 dB	1.1 dB
500 - 1000 MHz	00.7 dB	1.2 dB
Directivity	Typical	Minimum
5 - 50 MHz	22 dB	18 dB
50 - 500 MHz	21 dB	12 dB
500 - 1000 MHz	15 dB	8 dB

SM-1



### Operating Characteristics

Impedance	75 Ohms Nominal
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### Absolute Maximum Ratings

Parameter	Absolute Maximum
RF Power	250 mW
DC Current	30 mA
Operating/Storage Temp.	-20°C to +85°C

### Additional Specifications

Return Loss: 20dB Typ, 15dB Min

Function	Pin No.
Input	6
Output	1
Coupled	4
Ground	2,5
Case Ground	2,5
External 75 Ohms	3
Not Connected	-