

E-Series Coupler

20 - 1000 MHz

EMDC-16-1-75

V3.00

Features

- Coupling: +16 dB Typical
- Surface Mount

Specifications @ 25°C

Frequency Range	20 - 1000 MHz	
Coupling	Nominal	Flatness
20 - 1000 MHz	16 ±1.3 dB	1.4 dB
Main Line Loss	Typical	Maximum
20 - 200 MHz	0.5 dB	0.8 dB
200 - 500 MHz	0.3 dB	0.6 dB
500 - 1000 MHz	0.5 dB	1.0 dB
Directivity	Typical	Minimum
20 - 200 MHz	30 dB	20 dB
200 - 500 MHz	15 dB	10 dB
500 - 1000 MHz	9 dB	4 dB

Operating Characteristics

Impedance	75 Ohms Nominal
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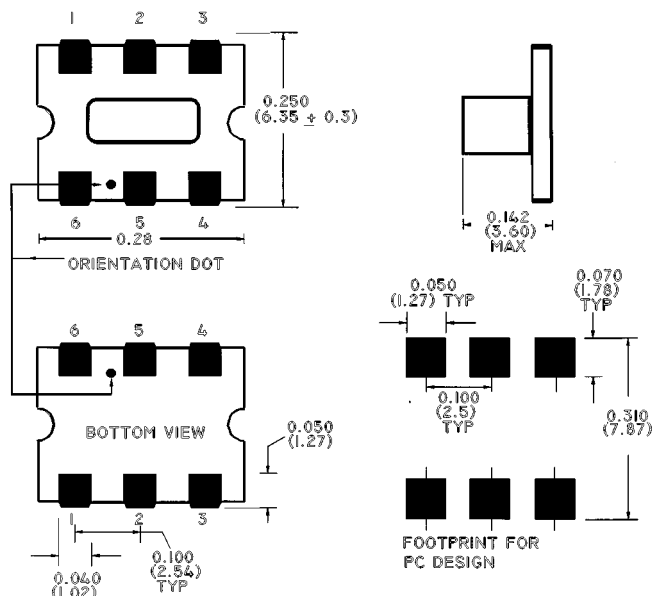
Ordering Information

Part No.	Packaging
EMDC-16-1-75	Tube

Absolute Maximum Ratings

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

SM-55



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	2,5
External 75 Ohms	3

S 1079 A