

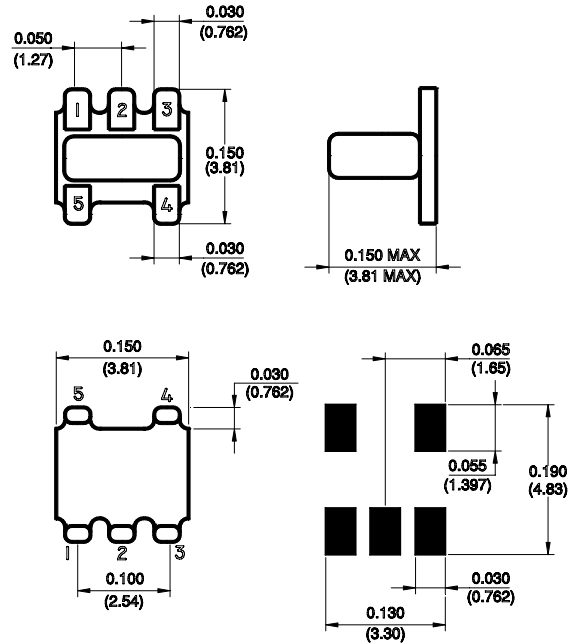
# E-Series Coupler IIRFSTARTI - IIRFST

# EMDC-13-2

## Features

- \* Coupling +13 dB Typical
- \* Surface Mount

SM-22



## Specifications @ 25°C

Frequency Range	5 - 1000 MHz
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<b>Coupling</b>	<b>Nominal</b>	<b>Flatness</b>
5 - 1000 MHz	13±1 dB	00.8 dB
<b>Main Line Loss</b>	<b>Typical</b>	<b>Maximum</b>
5 - 50 MHz	1.1 dB	1.5 dB
50 - 500 MHz	1.2 dB	1.8 dB
500 - 1000 MHz	1.4 dB	2 dB
<b>Directivity</b>	<b>Typical</b>	<b>Minimum</b>
5 - 50 MHz	28 dB	23 dB
50 - 500 MHz	20 dB	12 dB
500 - 1000 MHz	13 dB	8 dB

## Operating Characteristics

Impedance	50 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: 17 dB TYP, 12dB MIN.

Function	Pin No.
Input	1
Output	5
Coupled	3
Ground	2
Case Ground	-
External 50 Ohms	4
Not Connected	-