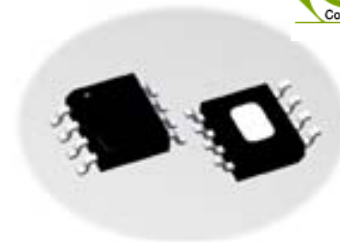


## Product Features

- Passive Integration on Silicon
- Low Insertion Loss
- High Isolation
- Solder Pad
- Low Cost
- Pb Free/RoHS Compliant

## Application

- Repeater
- Base Station
- RF Sub-Systems



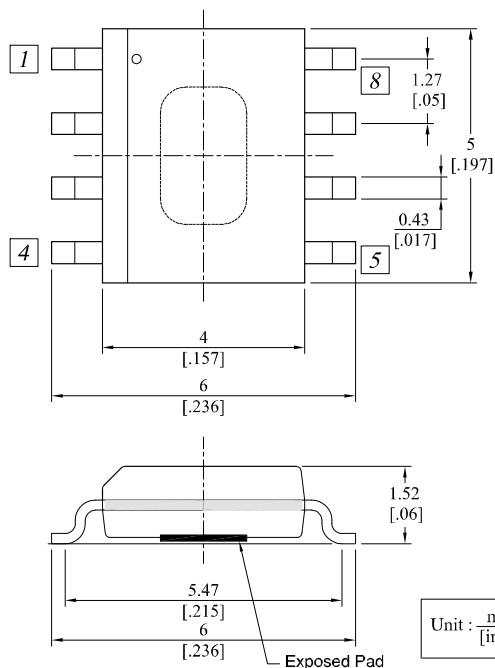
## Description

The CP Series is a monolithic directional coupler for low cost wireless applications.

## Specifications

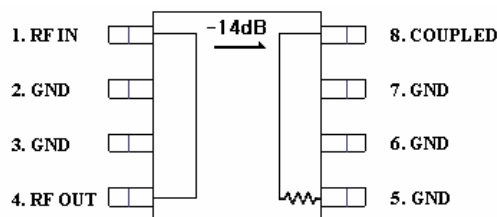
PARAMETER	Units	Min	Typ	Max
Frequency Range	MHz	1900		2200
Insertion Loss	dB		0.3	0.5
Input Return Loss	dB	18	21	
Output Return Loss	dB	18	21	
Coupling	dB	13	14	15
Coupling Port Return Loss	dB	20	25	
Isolation	dB	18	21	
Remarks	MHz	2100		

## Package Dimensions (Type: SOIC-8)

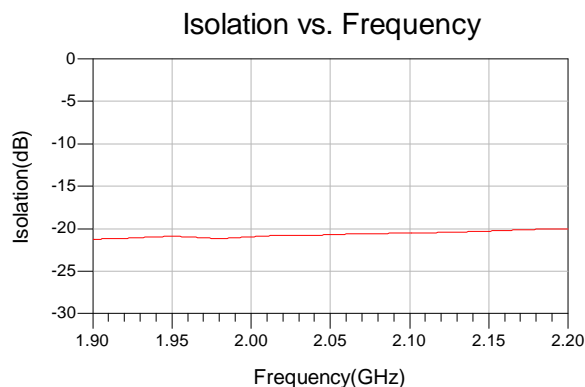
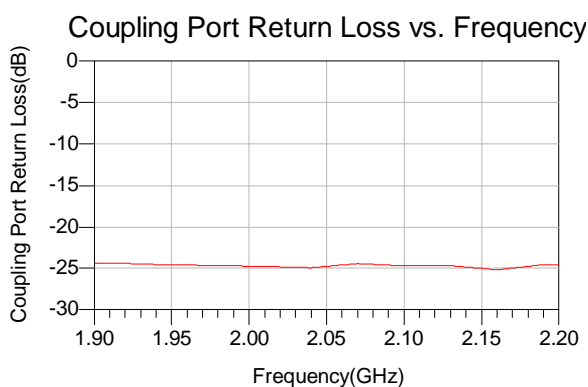
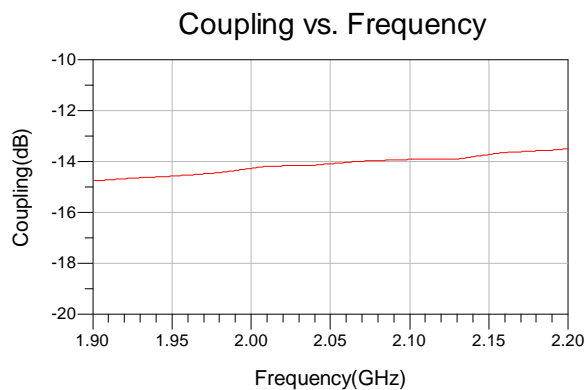
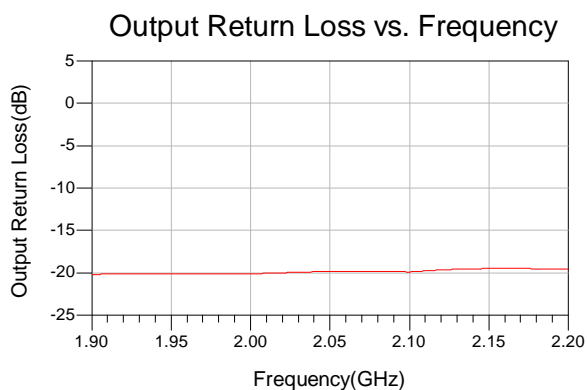
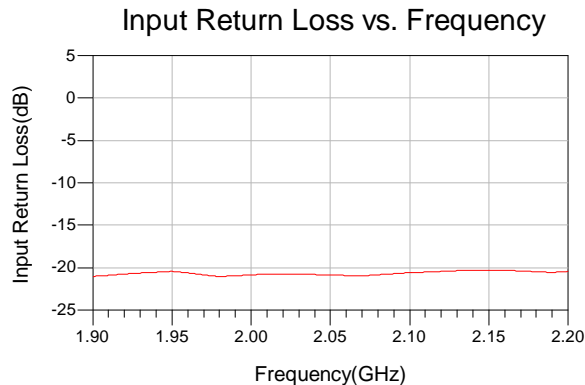
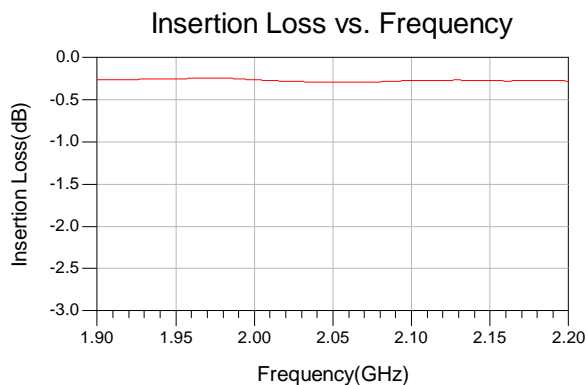


## Absolute Maximum Ratings

Parameter	Value
Input Power	2 W
Operating Temperature	-40 ~ +85 °C
Storage Temperature	-65 ~ +150 °C



## Typical Performance Data at 25°C (SOIC-8 Package)



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