Directional Coupler

Product Features

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

Description

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

Specifications at 25 $^\circ\!\!\!C$

Application

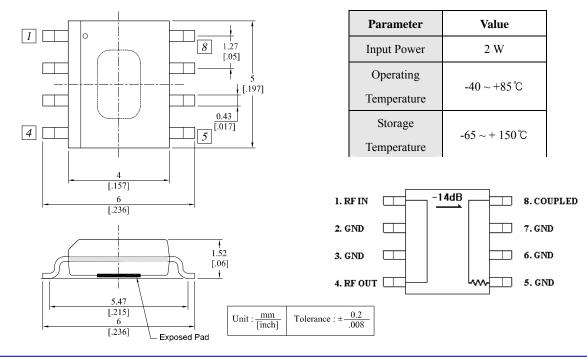
CP090

- Repeater
- Base Station
- RF Sub-Systems



PARAMETER	Units	Min	Тур	Max
Frequency Range	MHz	720		960
Insertion Loss	dB		0.3	0.5
Input Return Loss	dB	30	35	
Output Return Loss	dB	30	35	
Coupling	dB	13	14	15
Coupling Return Loss	dB	20	25	
Isolation	dB	18	20	
Remarks	MHz		900	

Package Dimensions (Type: SOIC-8)



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• All specifications may change without notice.

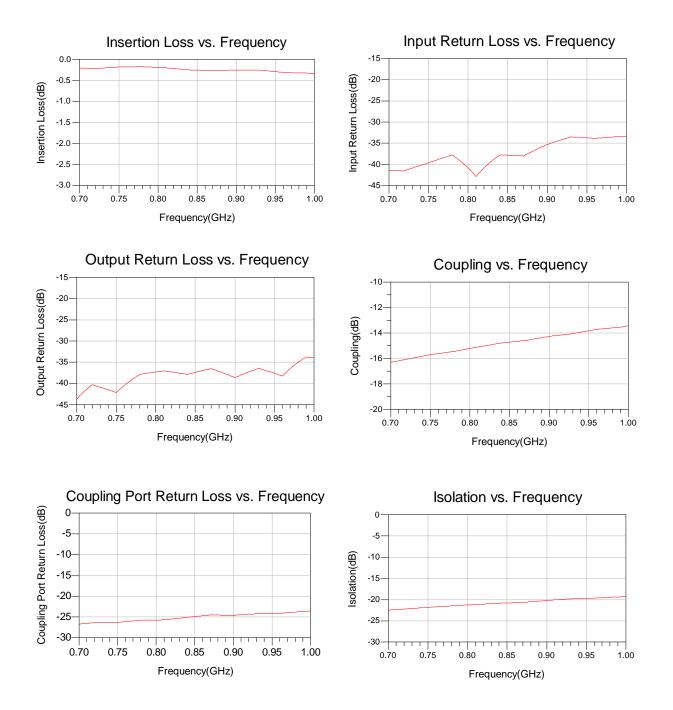
Absolute Maximum Ratings

Version 6.2



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



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