Directional Coupler

CP360

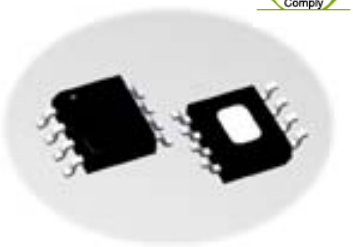
RFHIC

Product Features

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

Application

- Repeater
- Base Station
- RF Sub-Systems



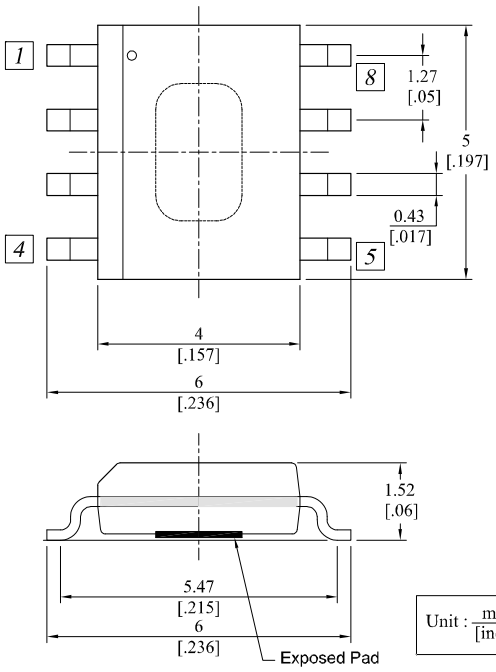
Description

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

Specifications at 25℃

PARAMETER	Units	Min	Typ	Max
Frequency Range	MHz	3400		3700
Insertion Loss	dB		0.3	0.5
Input Return Loss	dB	10	15	
Output Return Loss	dB	10	15	
Coupling	dB	14	15	16
Coupling Port Return Loss	dB	10	13	
Isolation	dB	18	21	
Remarks	MHz	3500		

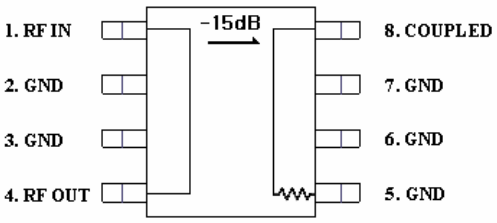
Package Dimensions (Type: SOIC-8)



Unit : mm [inch] Tolerance : ±0.2 .008

Absolute Maximum Ratings

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

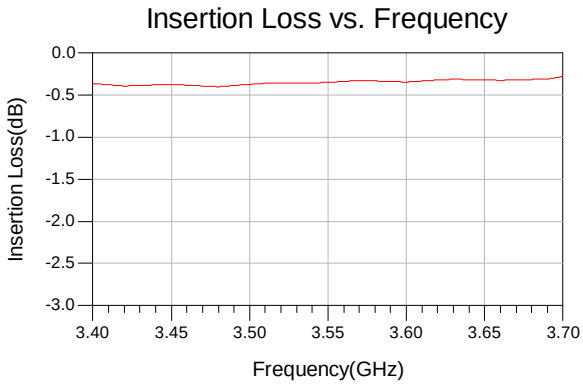


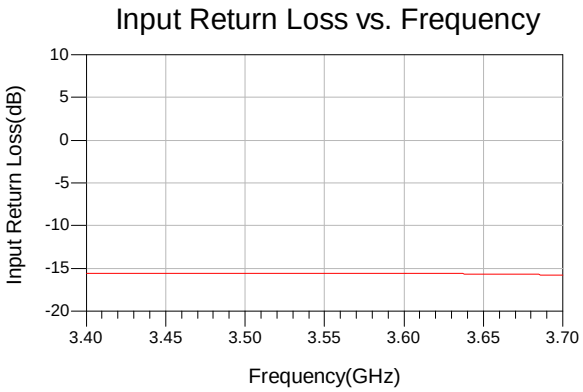
▪ Tel : 82-31-250-5011
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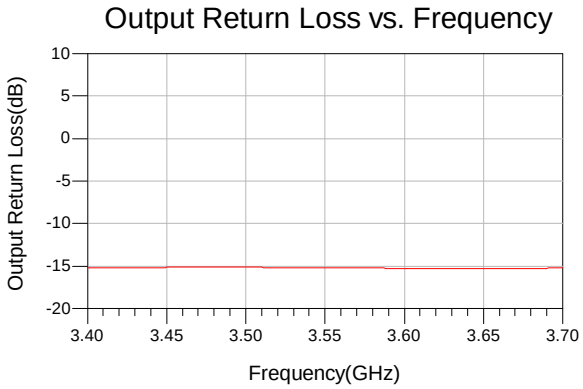
▪ All specifications may change without notice.

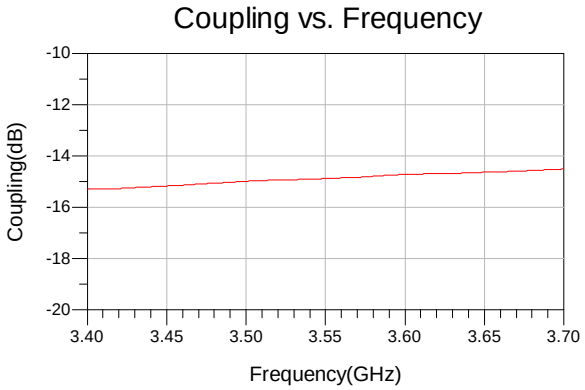
▪ Version 6.2

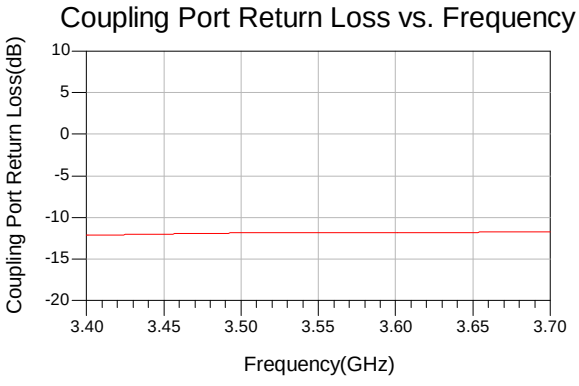
Typical Performance Data at 25℃ (SOIC-8 Package)

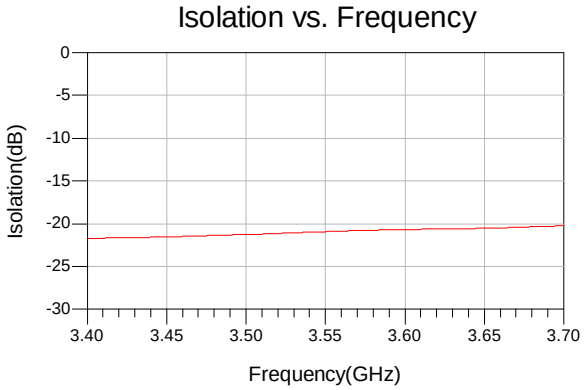












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