

# 6GHz Wilkinson

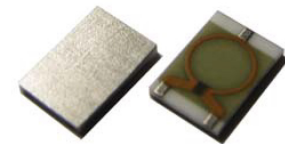


## Thick Film C-Band Two Way Wilkinson Power Divider

Alumina construction and high conductivity proprietary conductive films provide for a compact low loss device, which exhibits a high level of unit-to-unit performance repeatability.

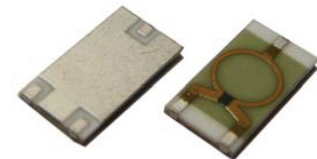
Thick Film

IMD2365	Specification
Configuration:	Microstrip
Bandwidth:	20% Typical
Input Power:	20W <sup>1</sup>
Dimensions:	0.274"L x 0.184"W x 0.035"H Max
Loss (this page):	0.5dB or better
Isolation (page 2):	20dB or better
Phase Delta (page2):	~3°



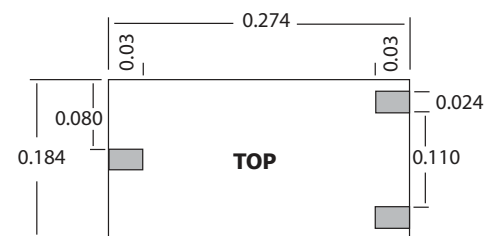
IMD2365 Microstrip Version

IMD2435	Specification
Configuration:	SMT with backplane
Impedance:	50Ω Nominal
Bandwidth:	20% Typical
Input Power:	20W <sup>1</sup>
Dimensions:	0.355"L x 0.184"W x 0.035"H Max
Loss (this page):	0.5dB or better
Isolation (page 2):	20dB or better
Phase Delta (page2):	~3°

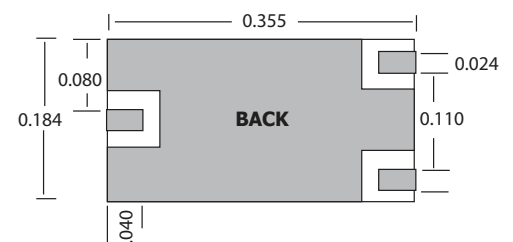


IMD2435 SMT Version

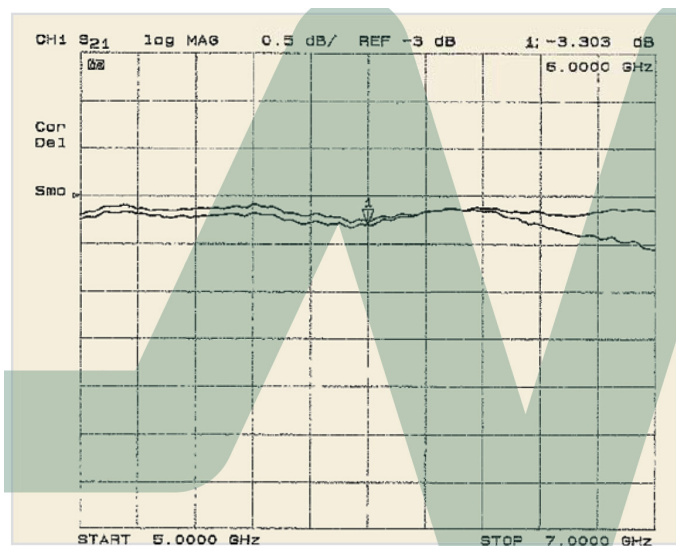
### Dimensions IMD2365



### Dimensions IMD2435



### 6GHz Wilkinson Insertion Loss



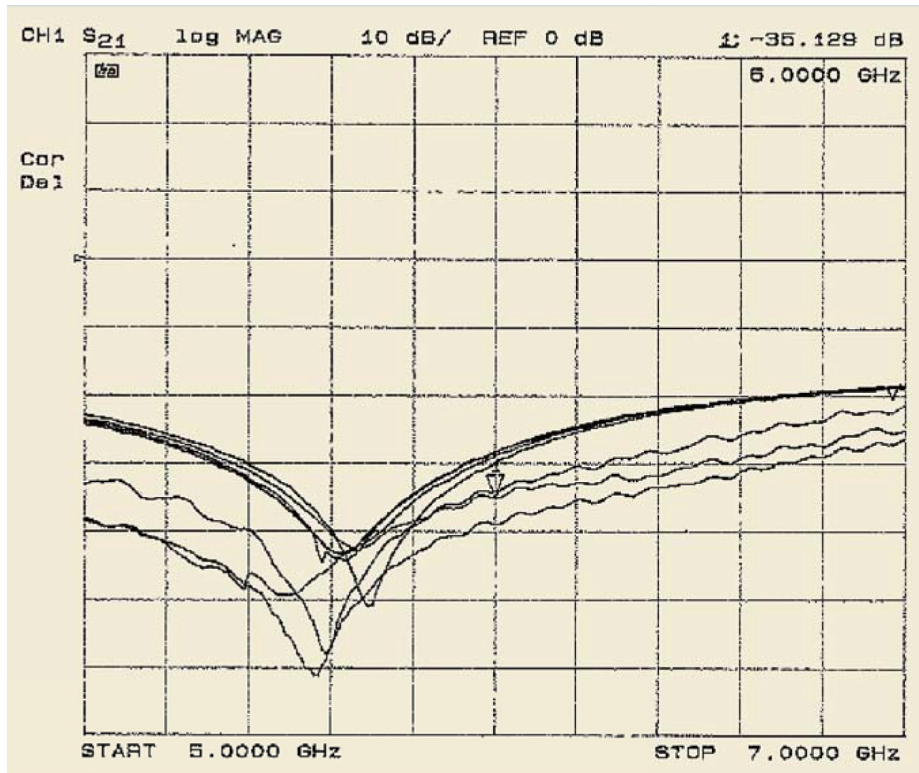
1. With 100°C baseplate
2. Depending on board and circuit architecture

## International Manufacturing Services, Inc.

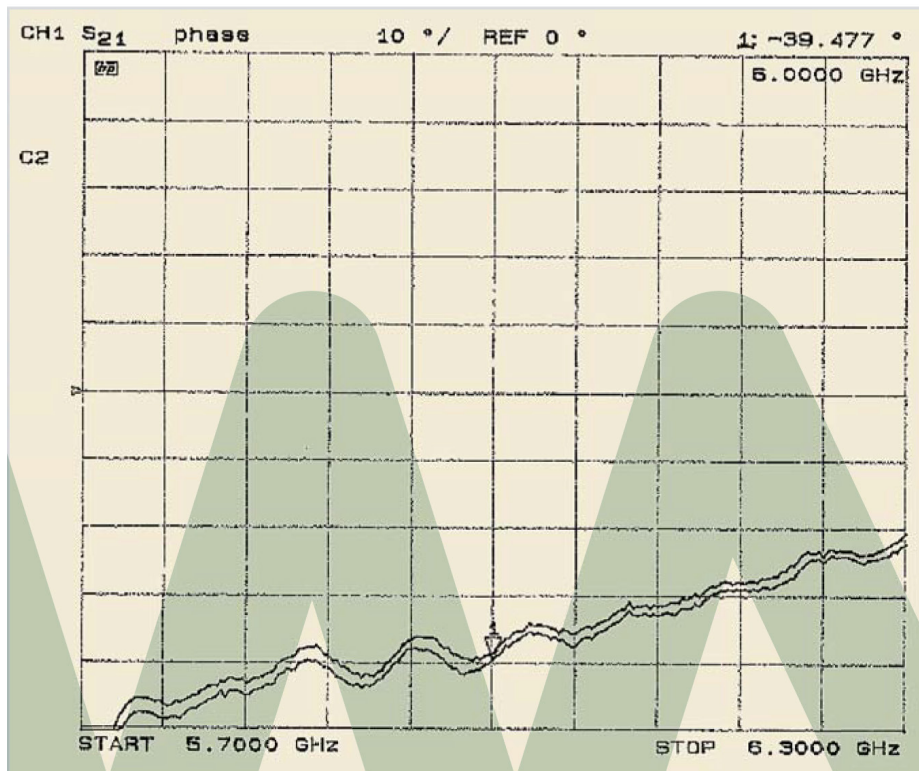
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## 6GHz Wilkinson Input Isolation



## 6GHz Wilkinson Phase Differential



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