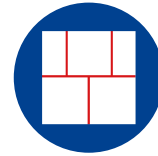


# Data Sheet

## PD1500U03W

### Power Divider/Combiner

#### 2-Way 0° 50Ω 1.0-2.0 GHz



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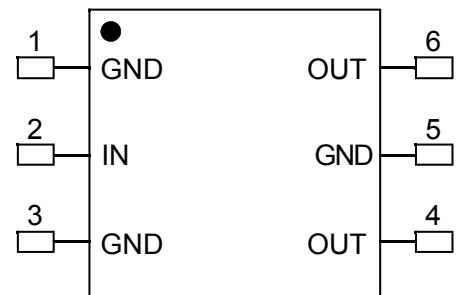
### Features

- Small Size (2×2mm DFN package)
- No need external 100 Ω resistor
- Very Low Loss
- Tight Amplitude Balance
- High Isolation
- Low VSWR
- Good Repeatability
- Tape & Reel
- Operating Temperature -40 ~85
- Power handling
  - 2 Watts as a divider
  - 1 Watts as a combiner



### Applications

- Wireless communications
- WLAN / WiMax
- SAT Radio
- ISM band instrument
- Information System for Automotive Safety



**TOP VIEW**

### Electrical Specifications at 25° C

Parameter	Symbol	Min	Typ	Max	Unit
Frequency Range	FR	1000		2000	MHz
Insertion Loss (Above 3dB)	IL		0.7@FR		dB
Isolation	Isol	10@FR	18@FR		
Phase balance	bal		±1.2		deg
Amplitude balance	Abal		±0.1		dB
Input VSWR			1.35@FR		
Output VSWR			1.25@FR		

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Tel : 86-755-8355-1886 Fax : 86-755-8355-2533

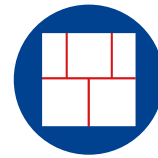
For detailed performance specs & shopping online see Yantel web site : [www.yantel-corp.com](http://www.yantel-corp.com)

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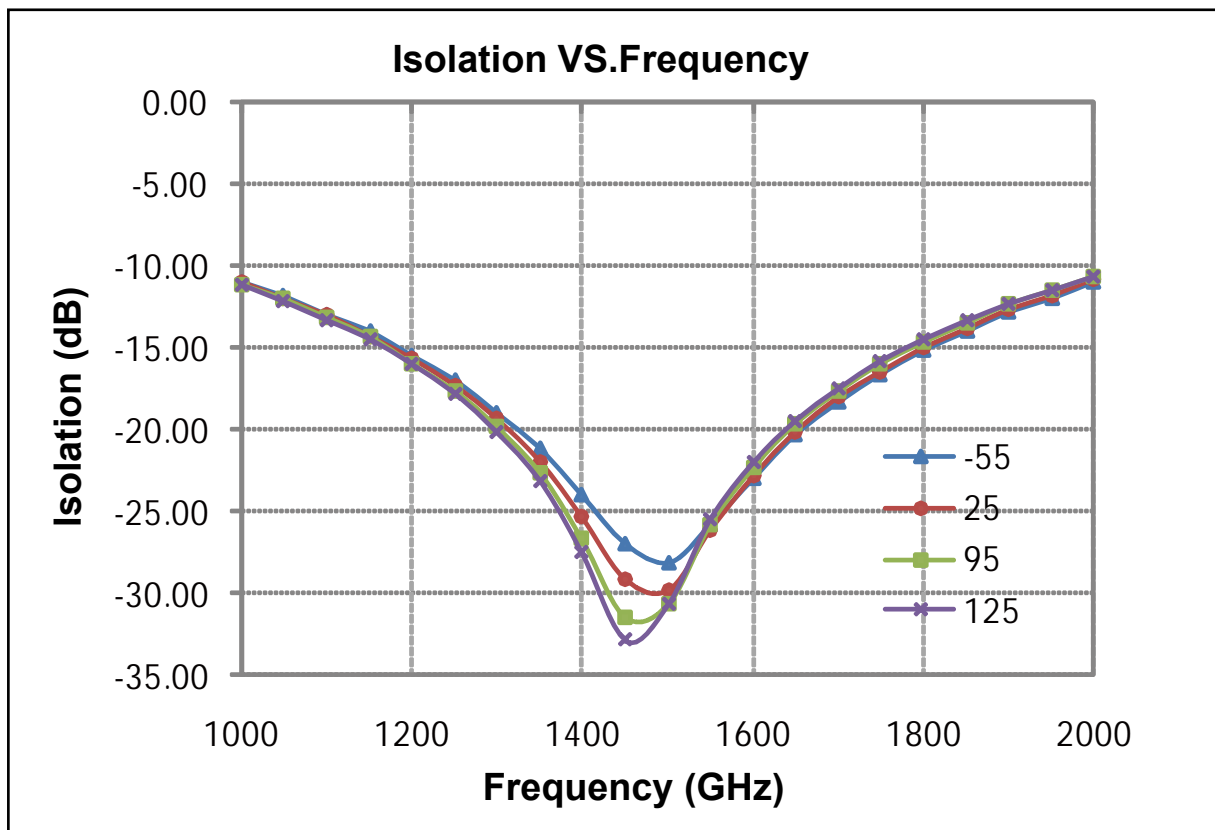
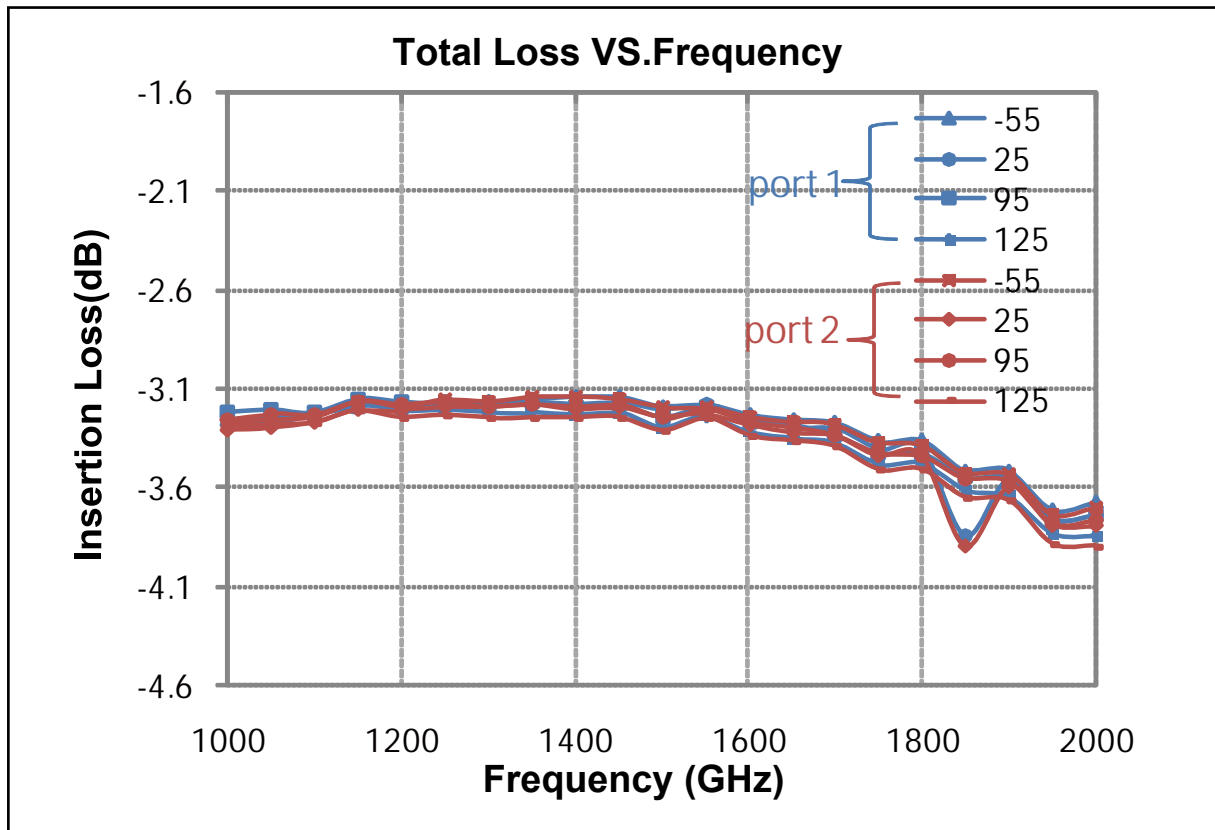
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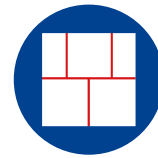
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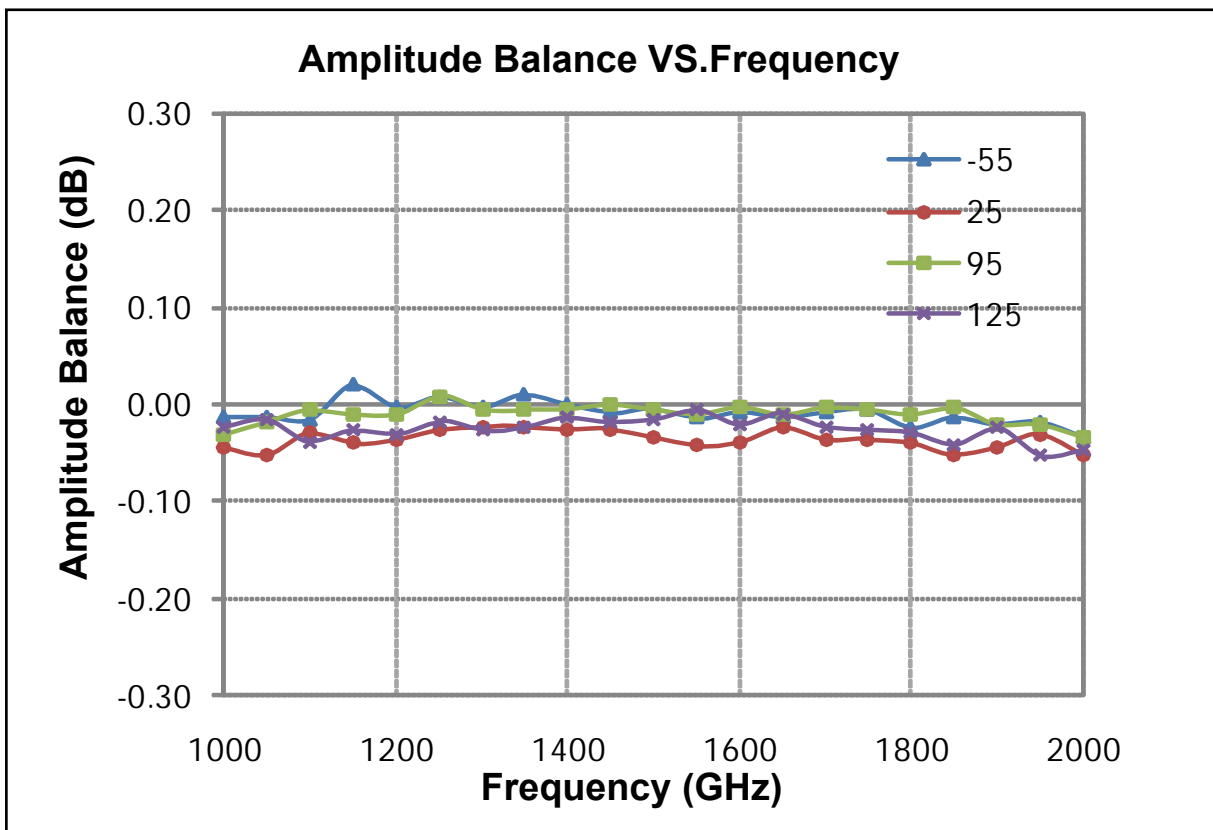
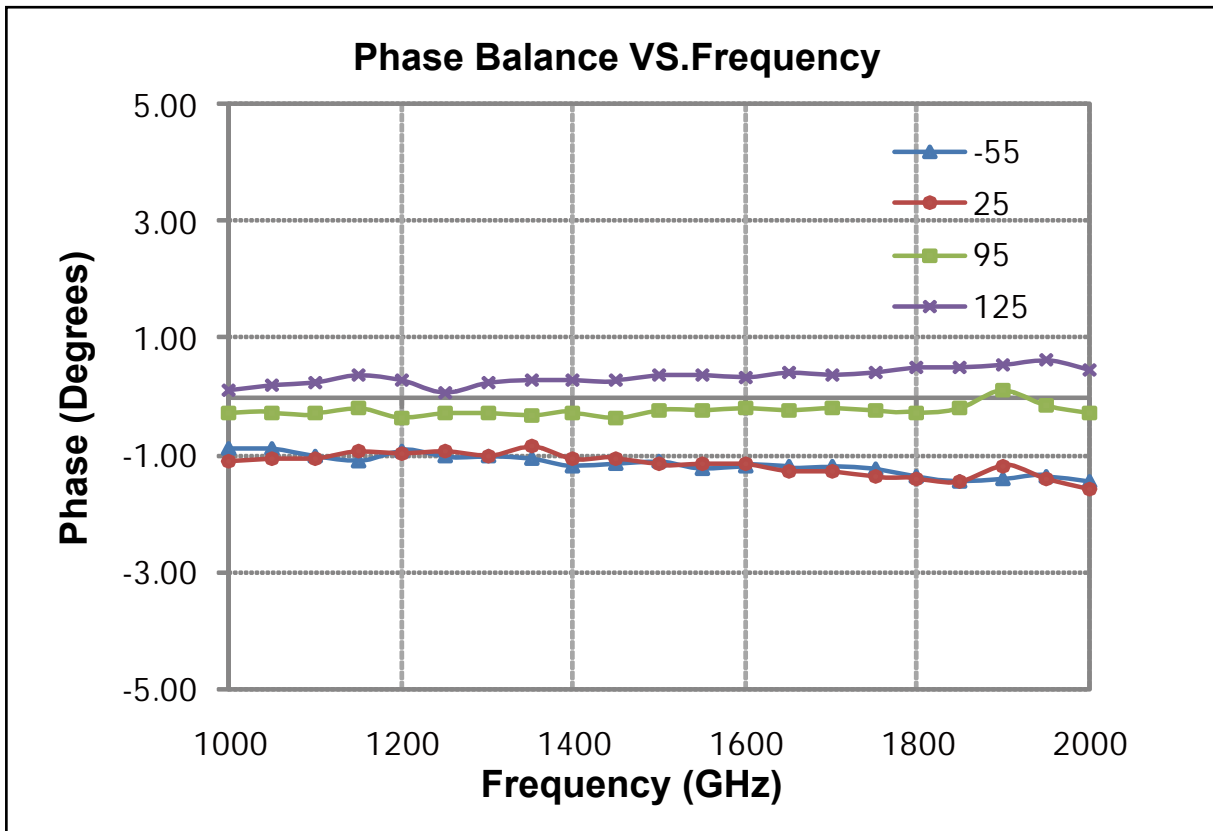
# Data Sheet

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2-Way 0° 50Ω 1.0-2.0 GHz



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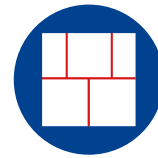
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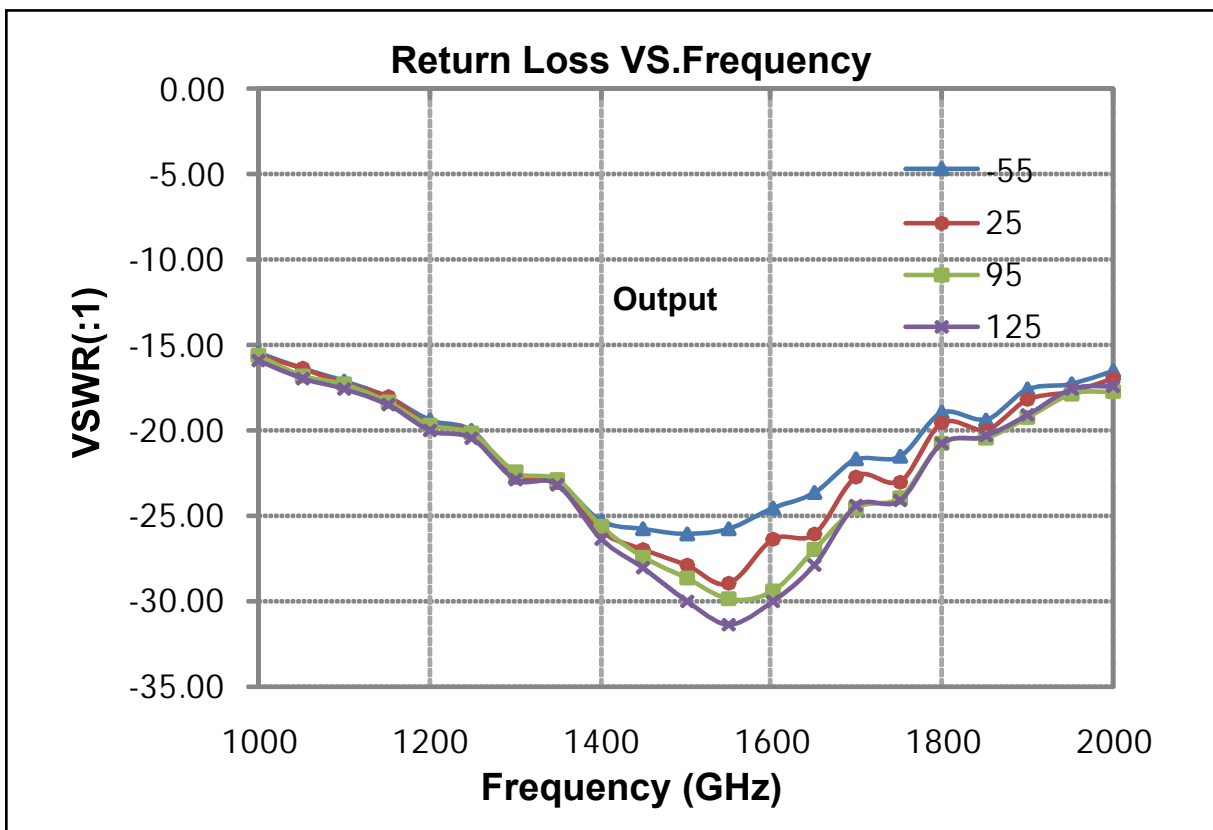
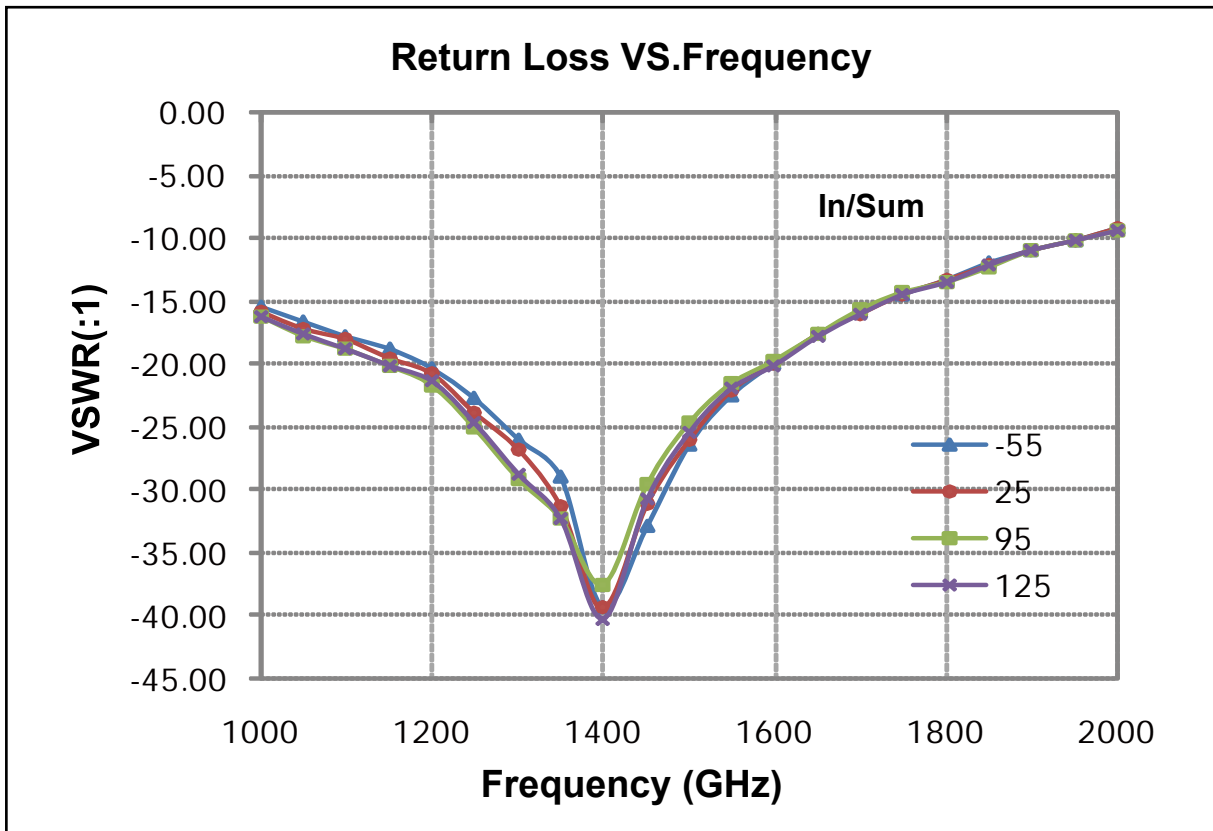
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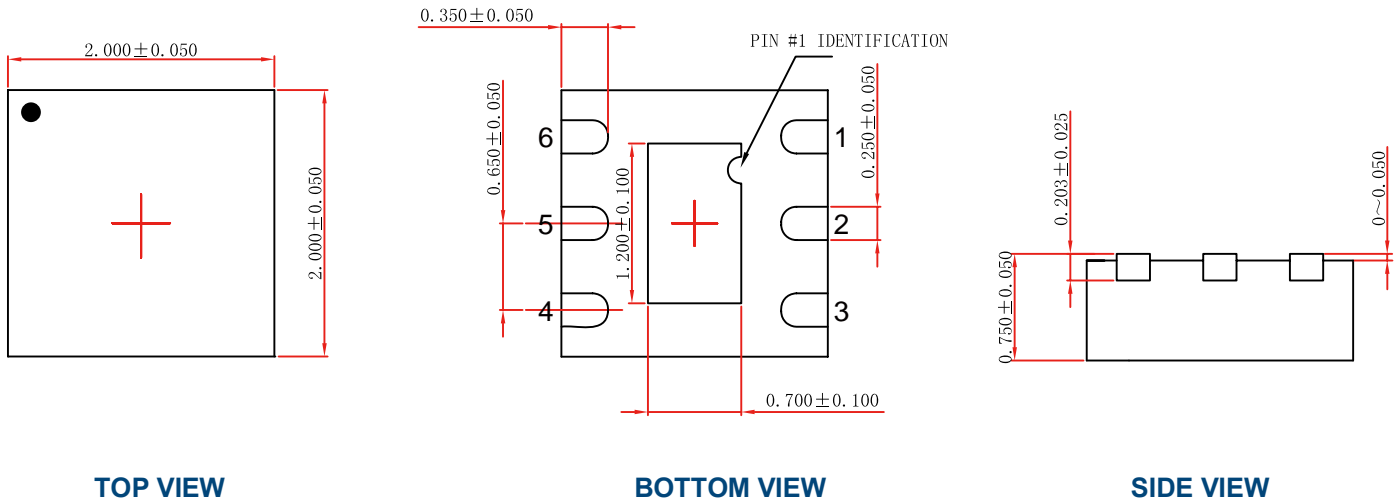
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## PD1500U03W

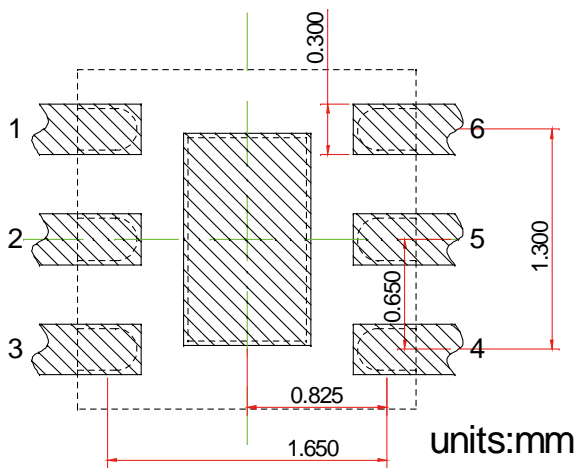
Power Divider/Combiner  
2-Way 0° 50Ω 1.0-2.0 GHz



### Outline Drawing



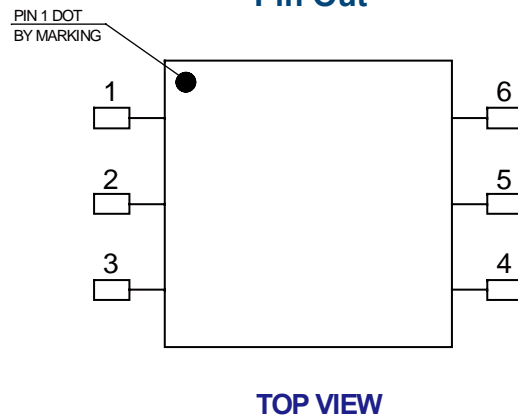
### Land Pattern



### Recommended Land Pattern Top View

**Notes:** All dimensions show in millimeters

### Pin Out



Pin #	Connection
1	GND
2	IN
3	GND
4	OUT
5	GND
6	OUT

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