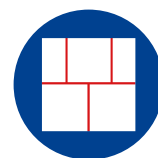


Data Sheet

PD3550U03-110

Power Divider/Combiner

2-Way 0° 50Ω 3.30-3.80 GHz



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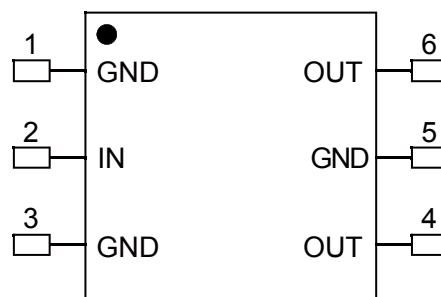
Features

- 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	F	3300		3800	MHz
Insertion Loss (Above 3dB)	I_L		0.35		dB
Isolation	Isol	18	20		dB
Phase balance	ϕ_{bal}		± 0.5		deg
Amplitude balance	A_{bal}		± 0.1		dB
Input VSWR			1.2		
Output VSWR			1.3		

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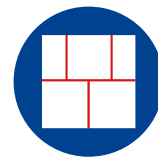
Add : 3F, Building 3, Southern District 2 of Zhongguan Honghualing Industrial Park, Xili, Nanshan, Shenzhen, China
Tel : 86-755-8355-1886 Fax : 86-755-8355-2533

For detailed performance specs & shopping online see Yantel web site : www.yantel-corp.com

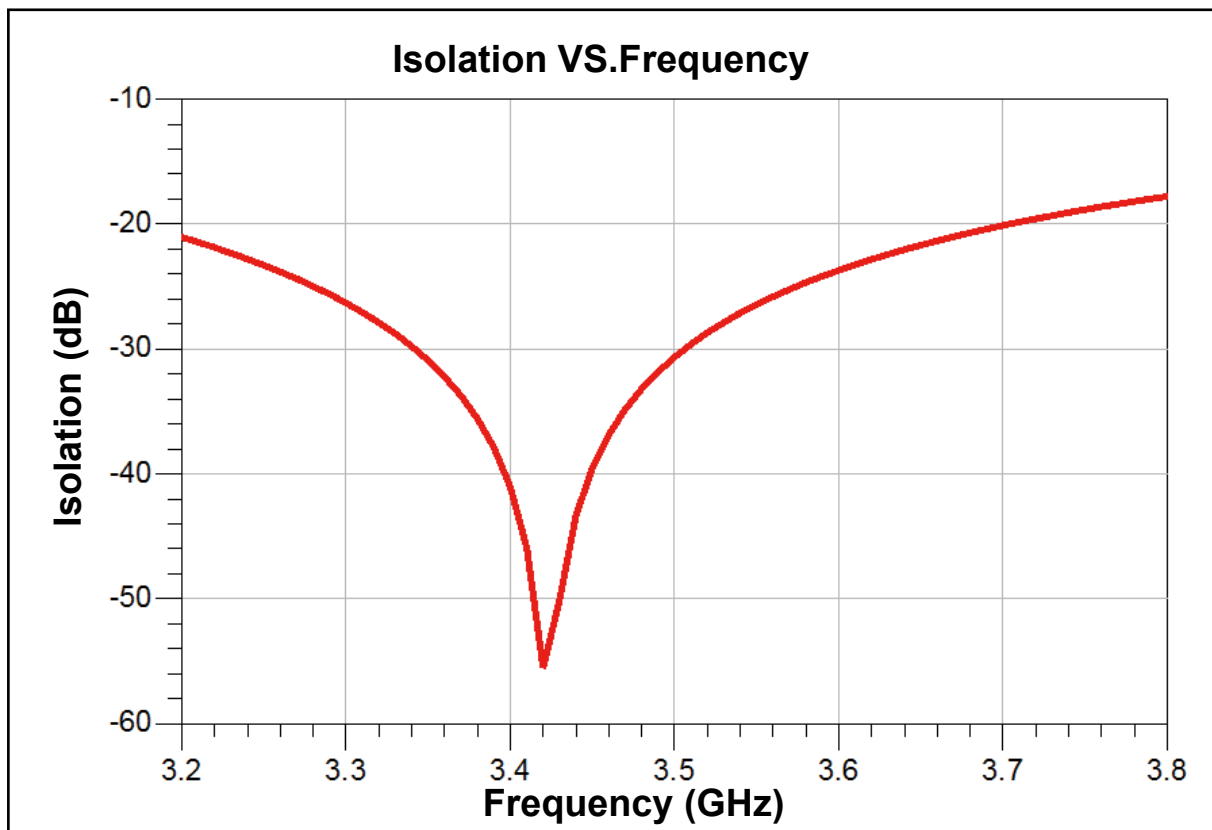
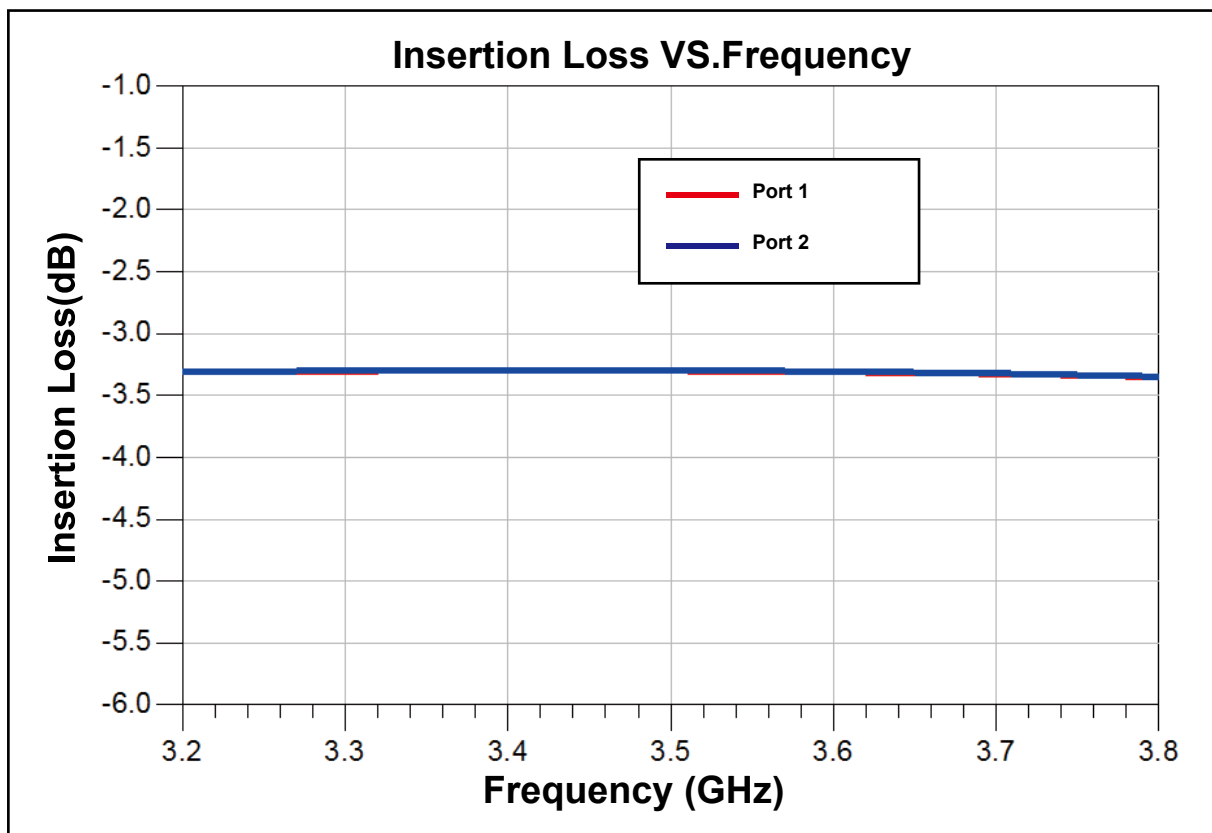
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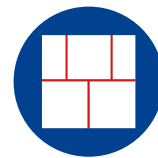
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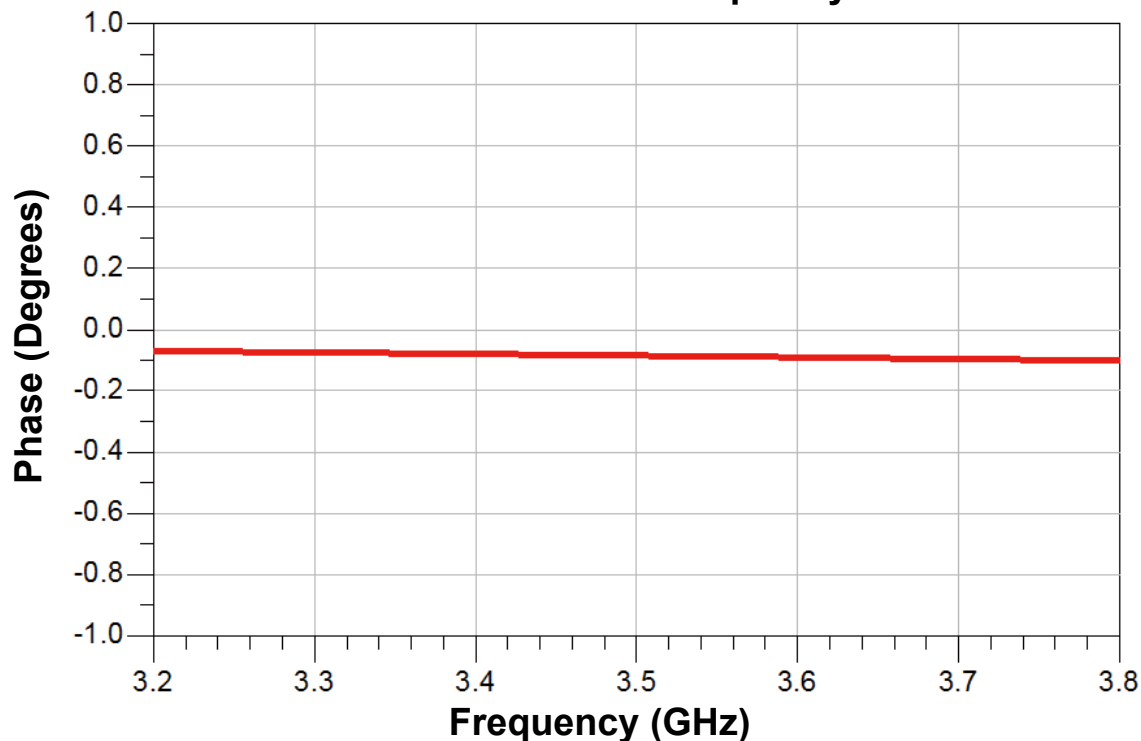
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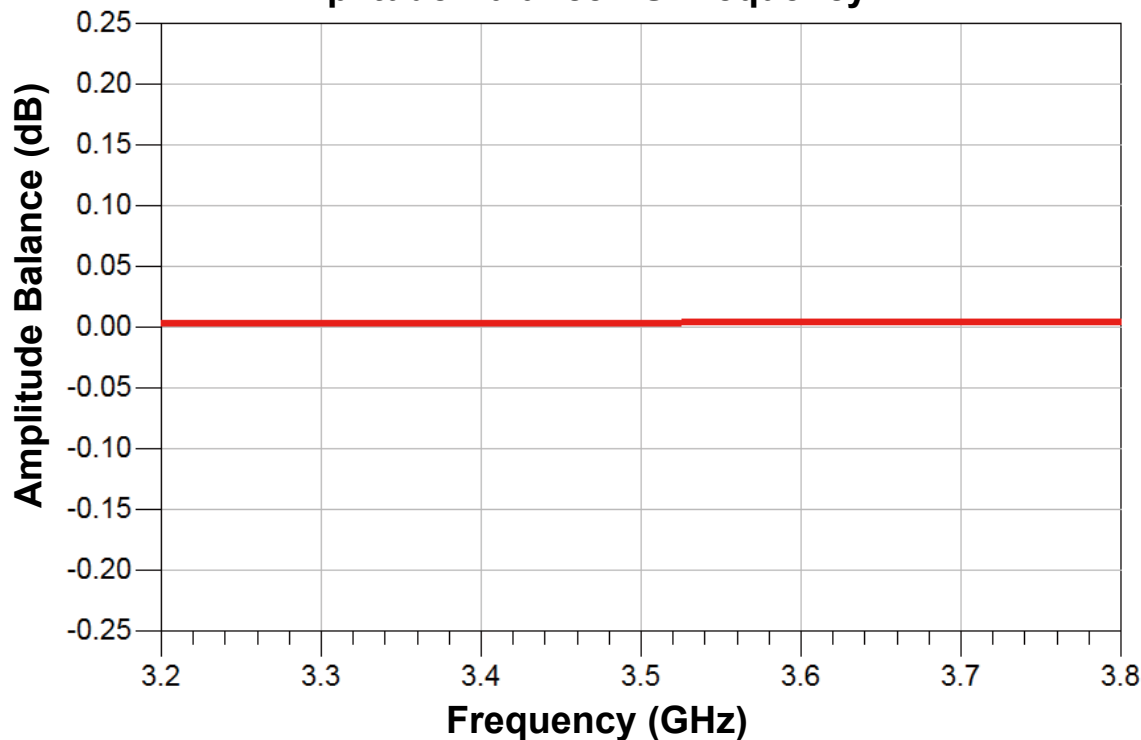


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Phase Balance VS.Frequency



Amplitude Balance VS.Frequency



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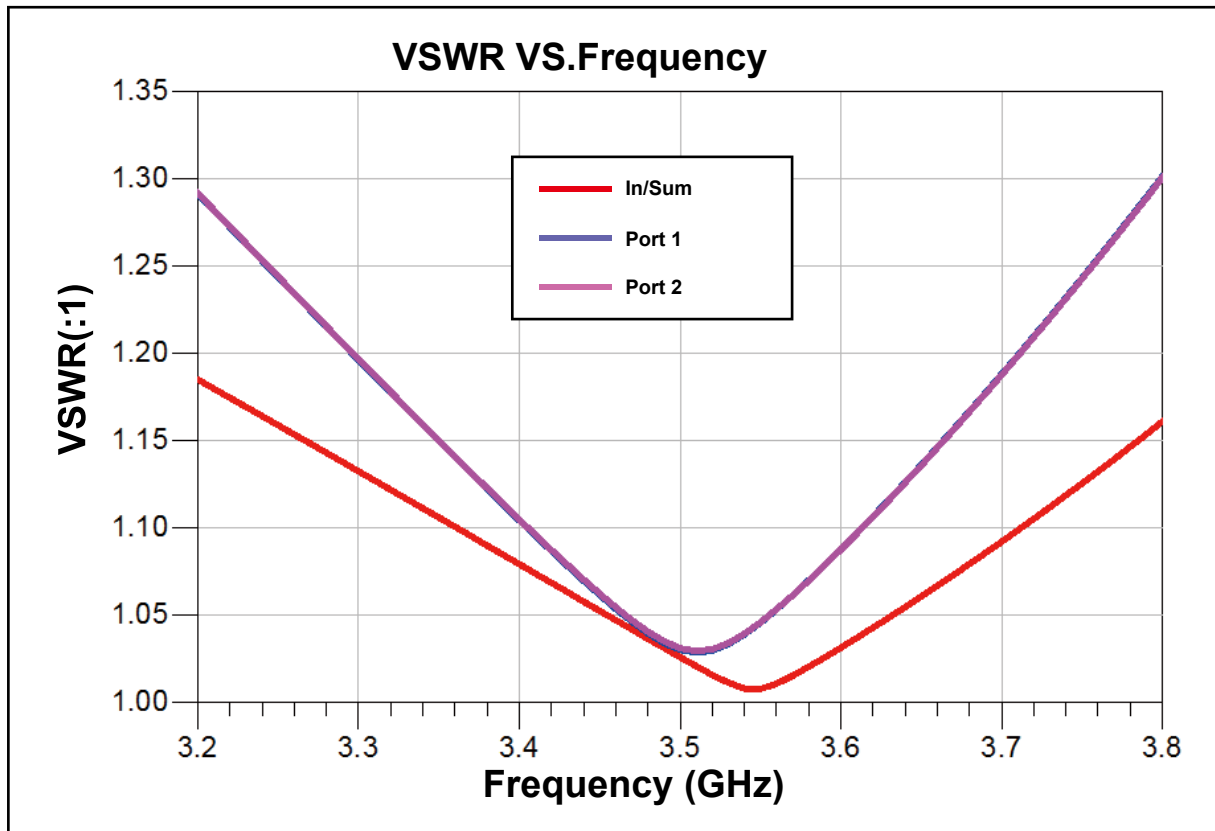
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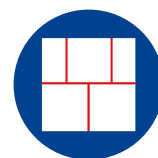
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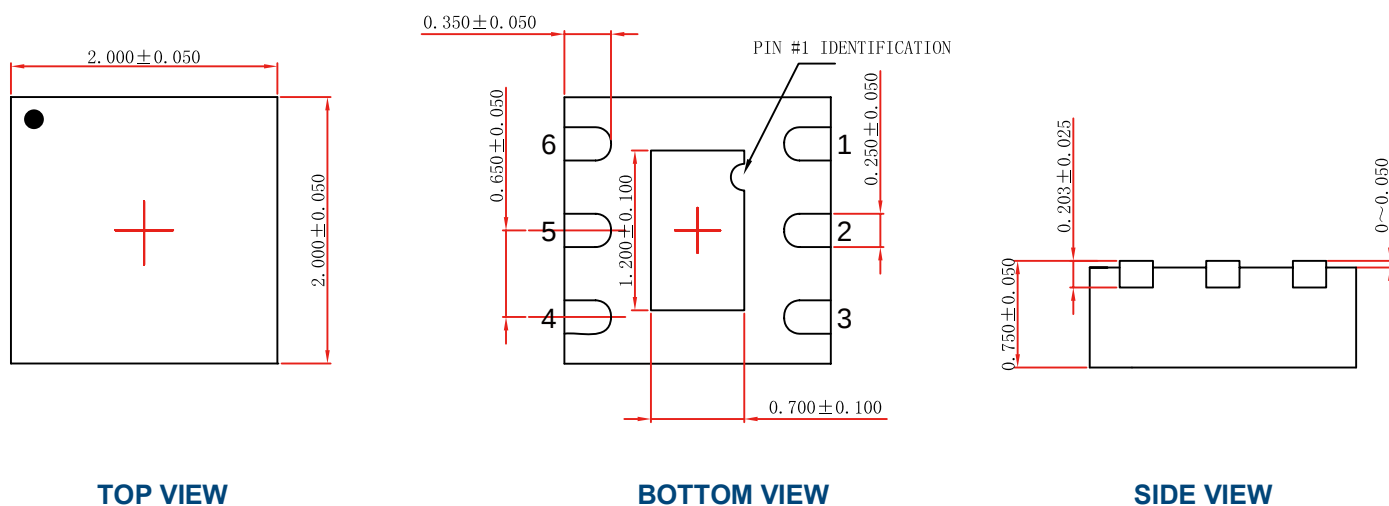
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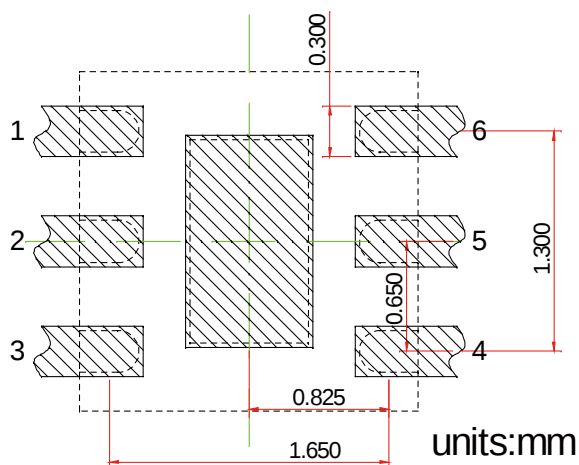


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Outline Drawing



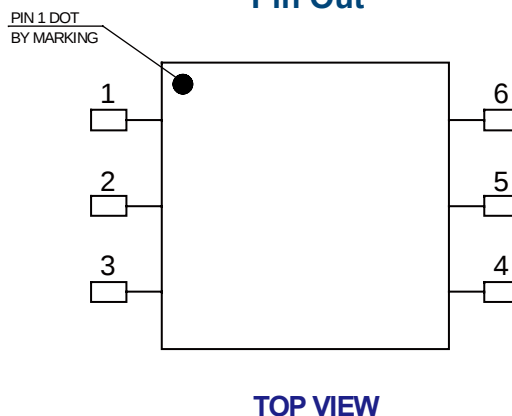
Land Pattern



Recommended Land Pattern Top View

Notes: All dimensions show in millimeters

Pin Out



TOP VIEW

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

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