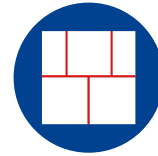


Data Sheet

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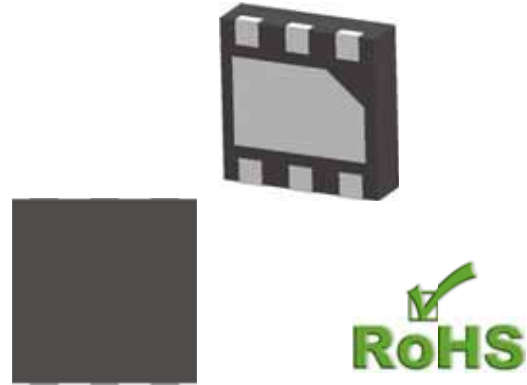
90 Degree Hybrid
820 MHz-900 MHz



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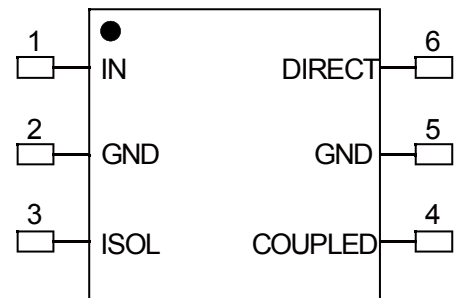
Features

- Small Size (2×2mm)
- Very Low Loss
- Tight Amplitude Balance
- High Isolation
- Low VSWR
- Good Repeatability
- Tape & Reel
- Power handling
 - 4 Watts as a divider
 - 2 Watts as a combiner



Applications

- Phase shifter / Attenuator
- Balanced amplifier / LNA configurations
- Modulators
- Mixers
- Power combining /dividing



TOP VIEW

Electrical Specifications at 25° C

Parameter	Symbol	Min	Typ	Max	Unit
Frequency Range	F	820		900	MHz
Insertion Loss (Above 3dB)	I _L		0.35	0.4	dB
Isolation	Isol	25	30		dB
Phase balance	∅ _{bal}		±1.5	±2.0	deg
Amplitude balance	A _{bal}		±0.5	±0.75	dB
Return Loss	R _L	20	25		dB

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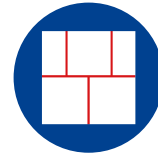
Tel : 86-755-8355-1886 Fax : 86-755-8355-2533

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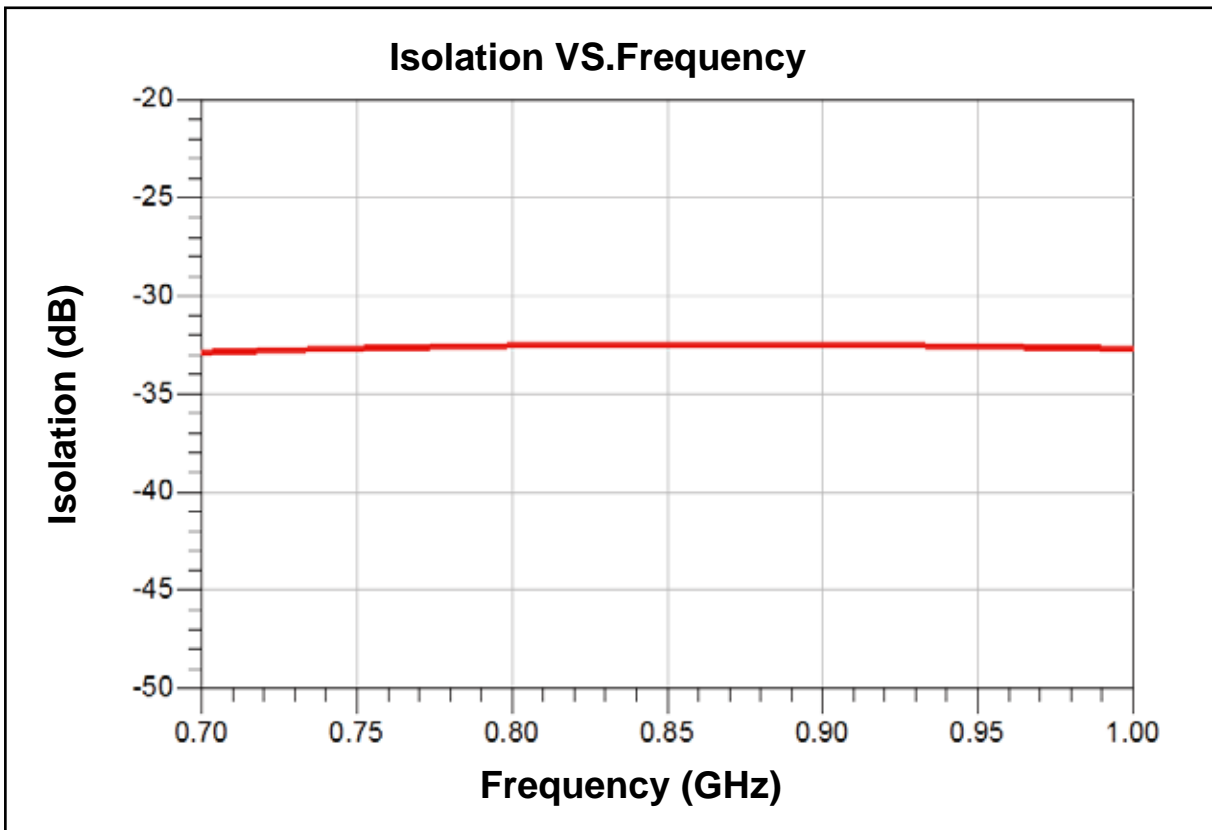
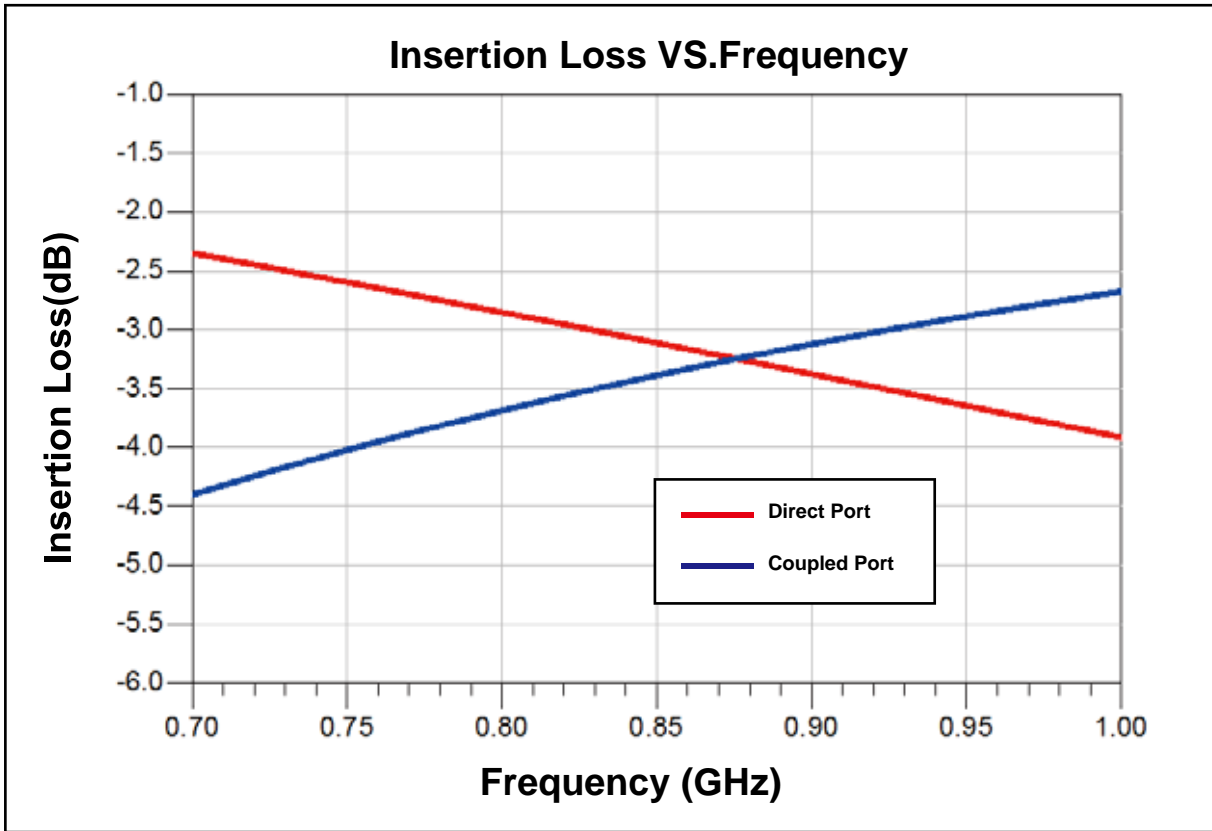
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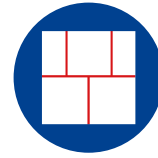
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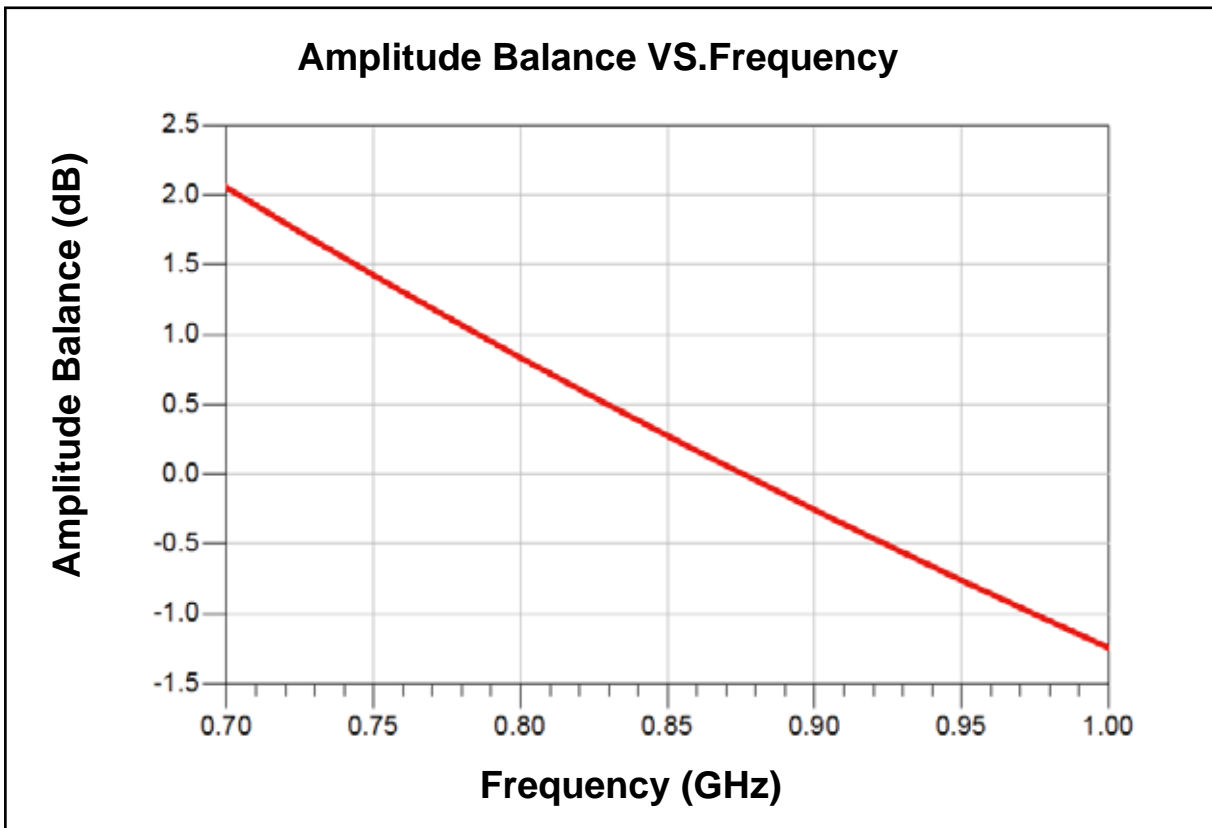
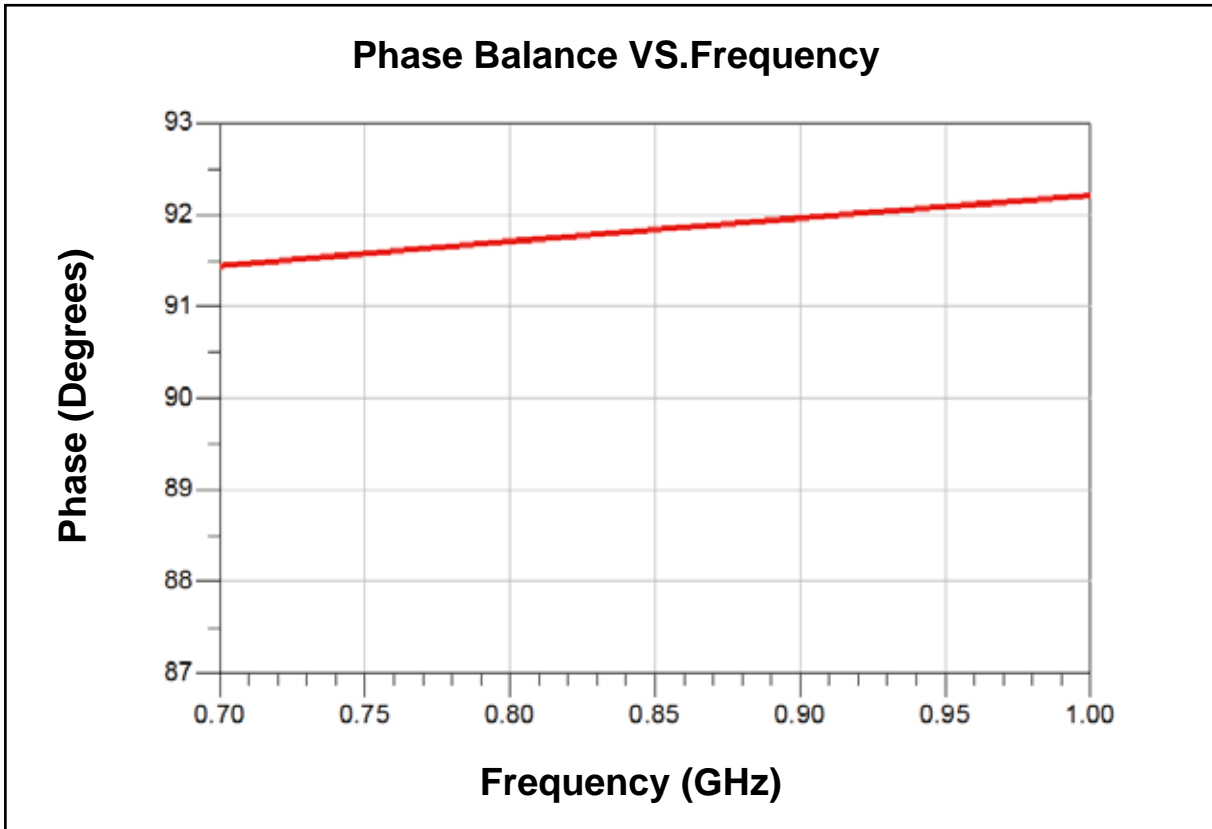
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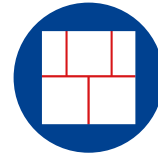
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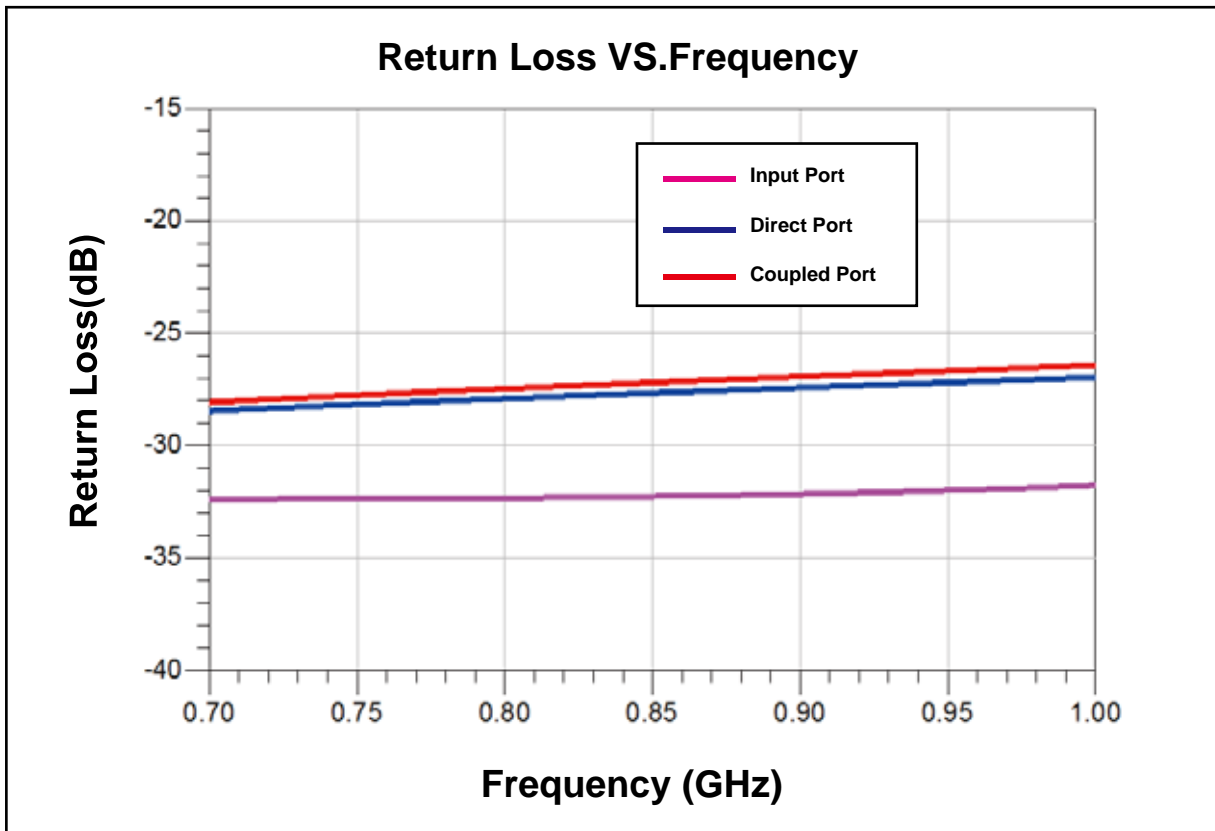
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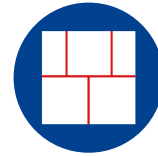
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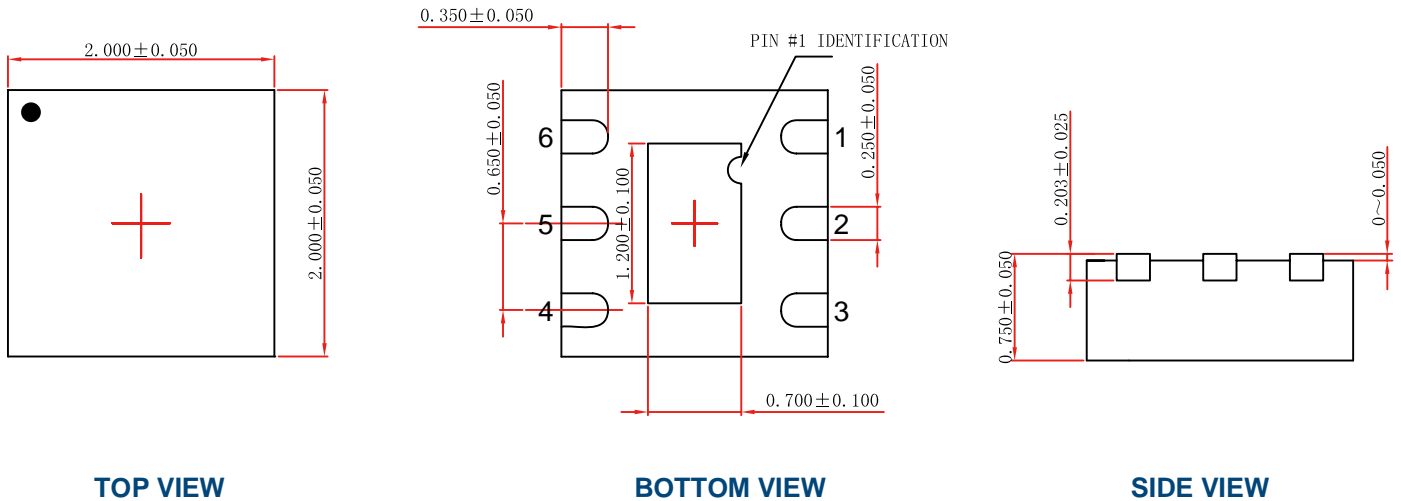
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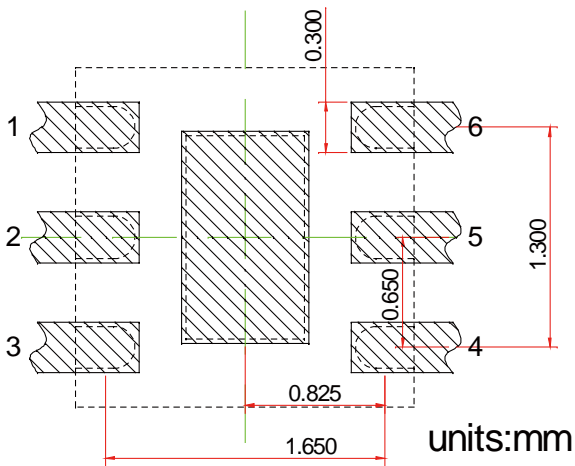


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Outline Drawing



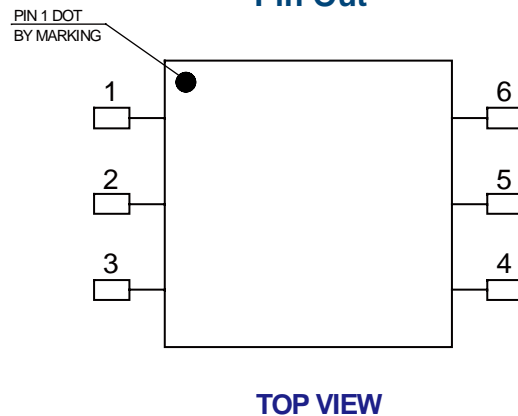
Land Pattern



Recommended Land Pattern Top View

Notes: All dimensions show in millimeters

Pin Out



Pin #	Connection
1	IN
2	GND
3	ISOL
4	COUPLED
5	GND
6	DIRECT

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