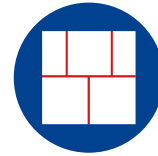


Data Sheet

PD1500U03-140

Power Divider/Combiner

2-Way 0° 50Ω 1.35-1.65 GHz



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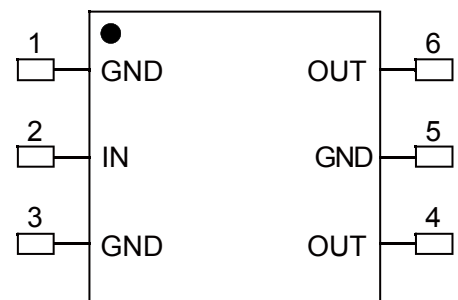
Features

- 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	1350		1650	MHz
Insertion Loss (Above 3dB)	IL		0.25@FR	0.32@FR	dB
Isolation	Isol	20@FR	25.5@FR		
Phase balance	bal		±1.10		deg
Amplitude balance	Abal		±0.05		dB
Input VSWR			1.1@FR		
Output VSWR			1.1@FR		

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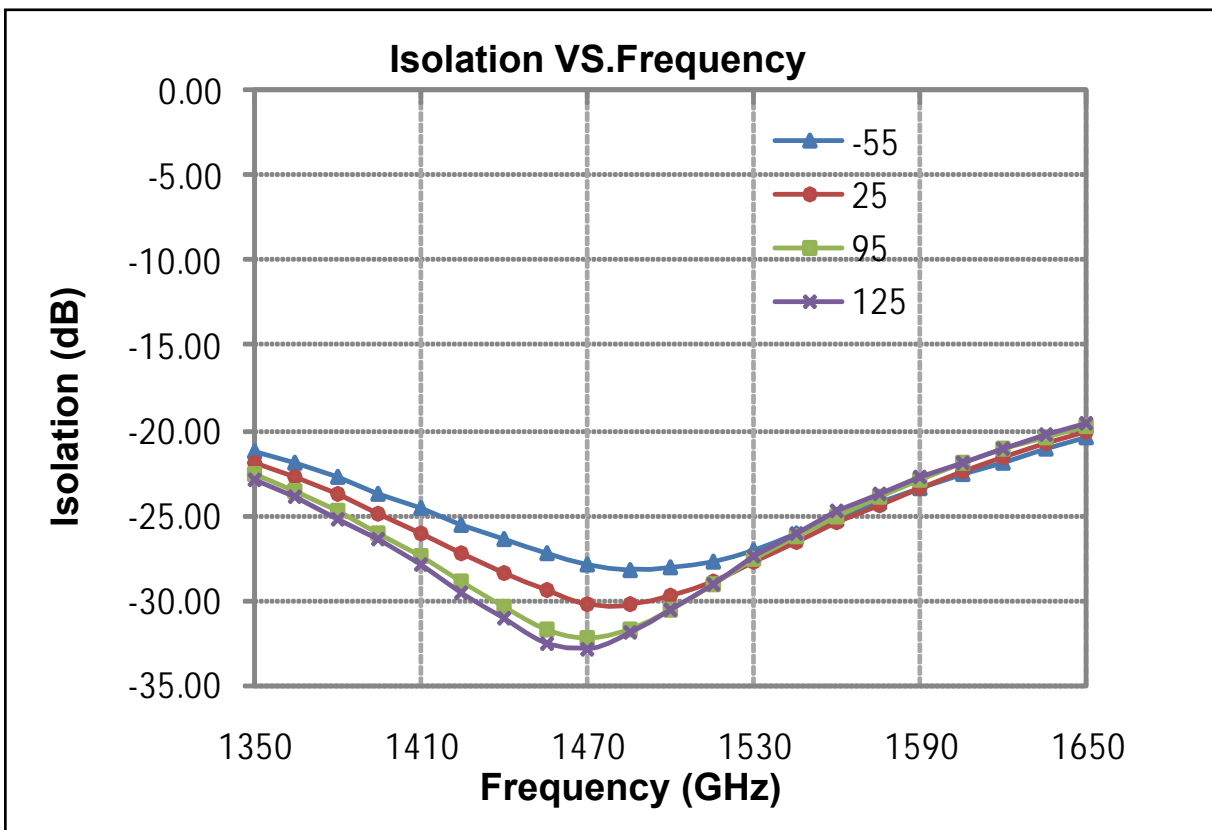
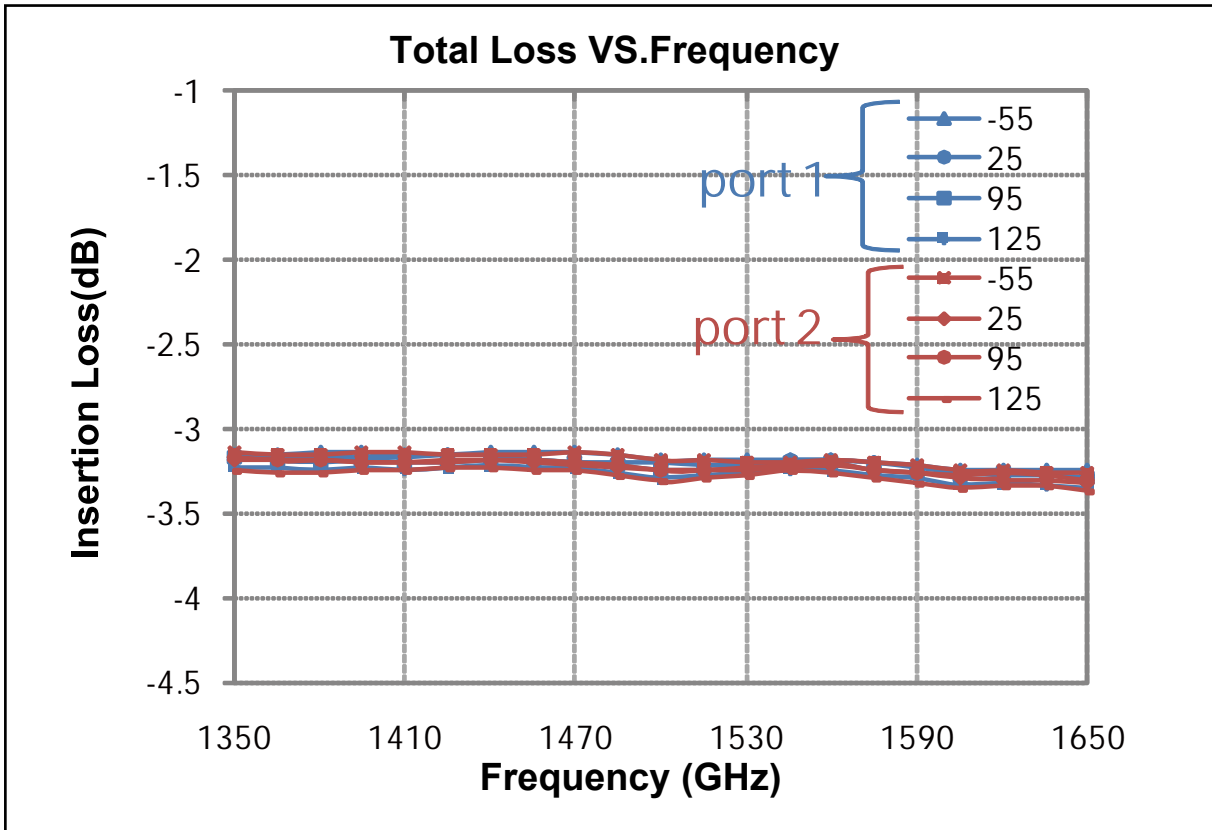
Tel : 86-755-8355-1886 Fax : 86-755-8355-2533

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

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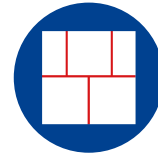
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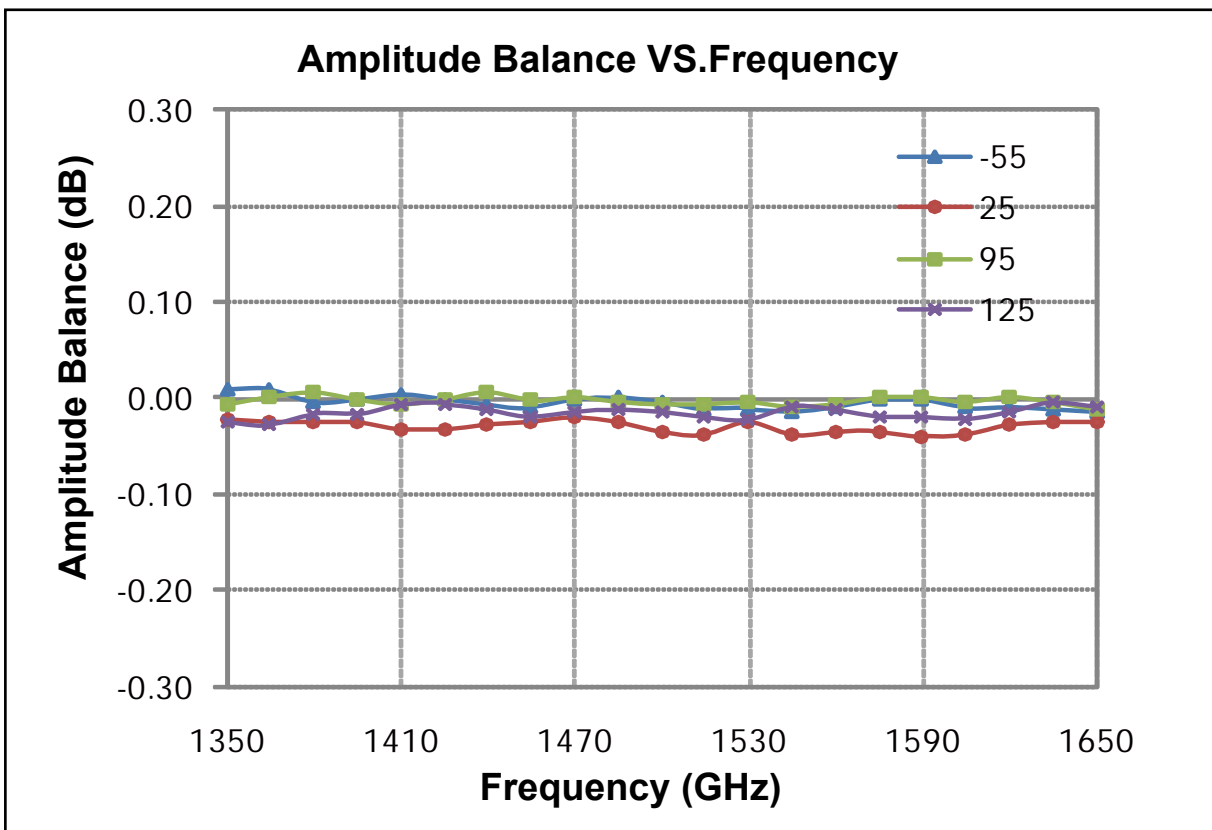
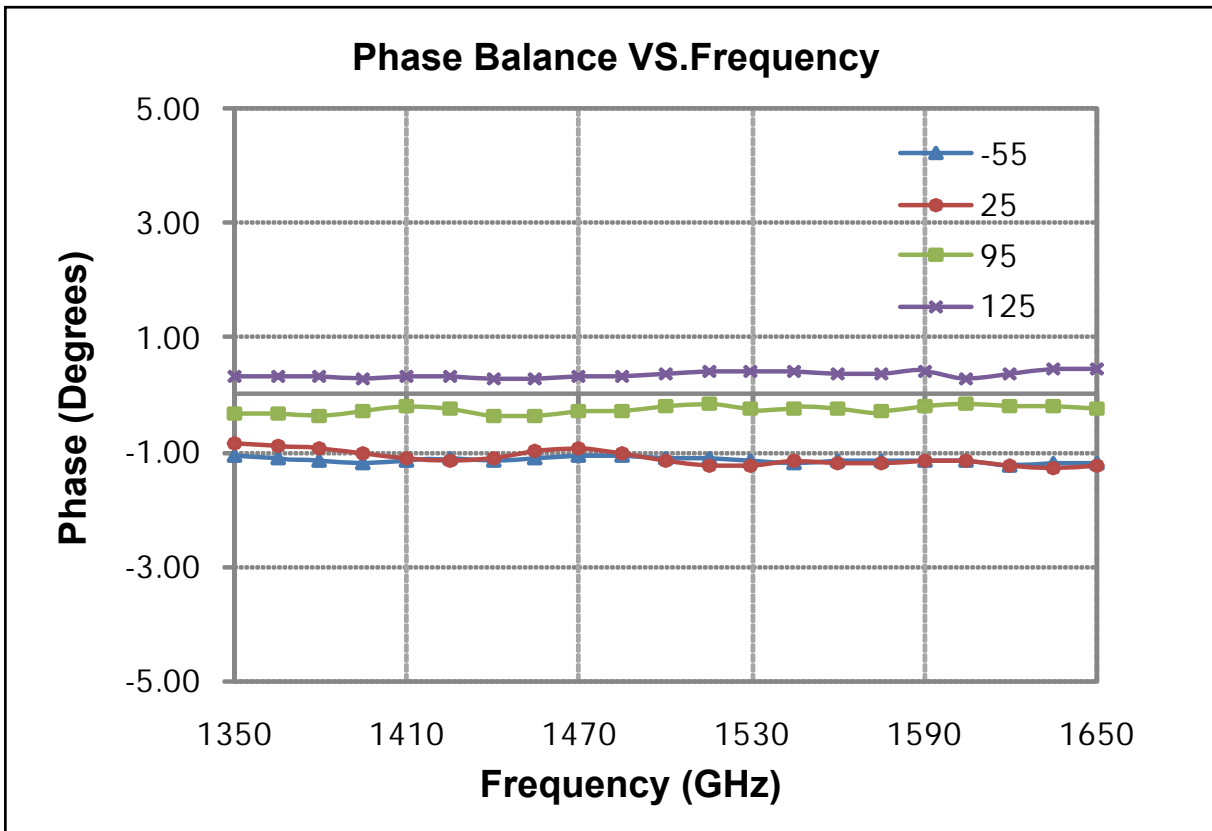
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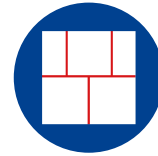
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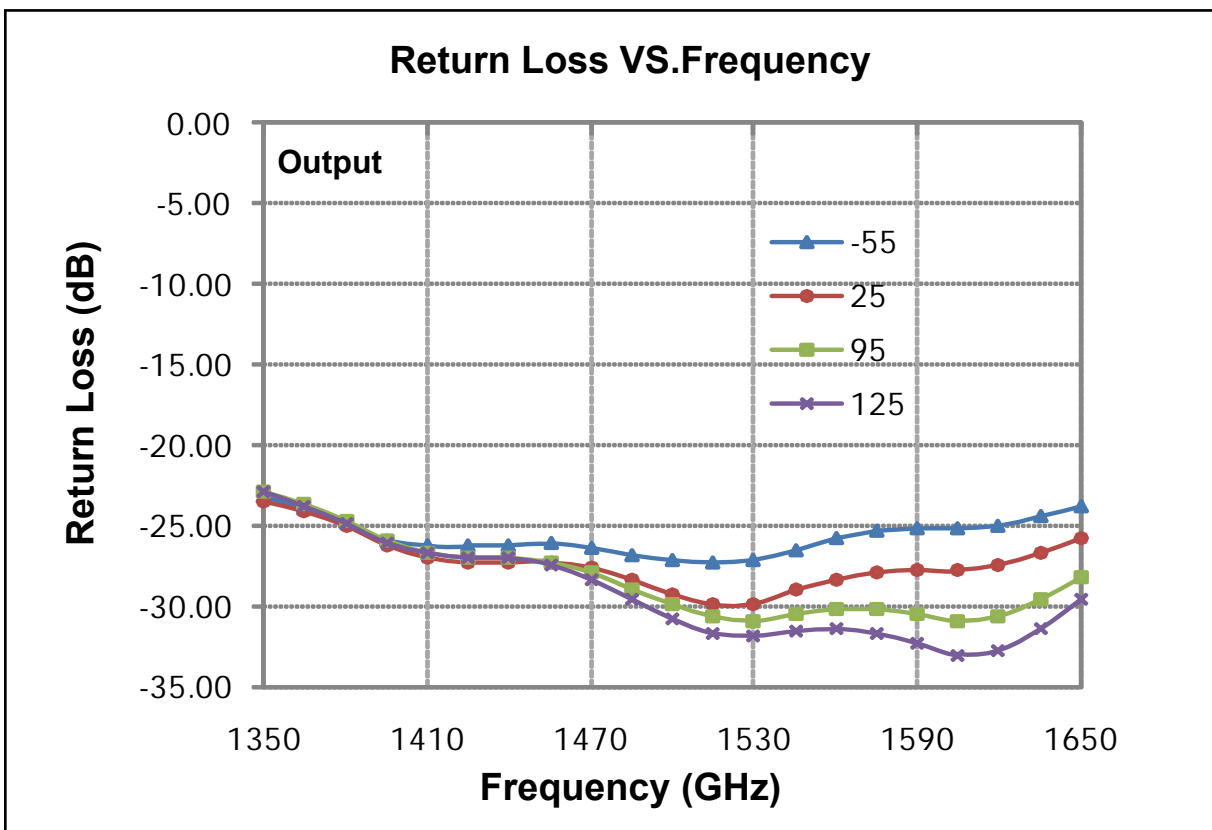
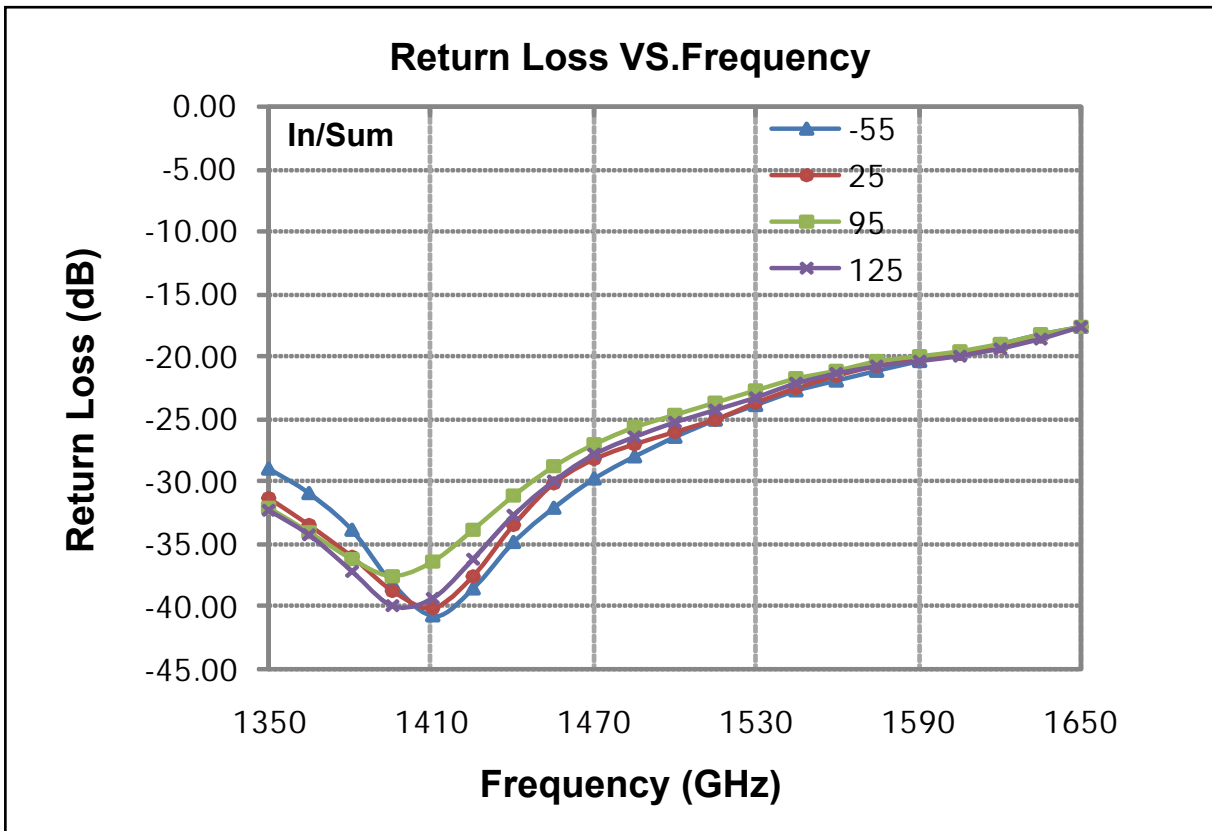
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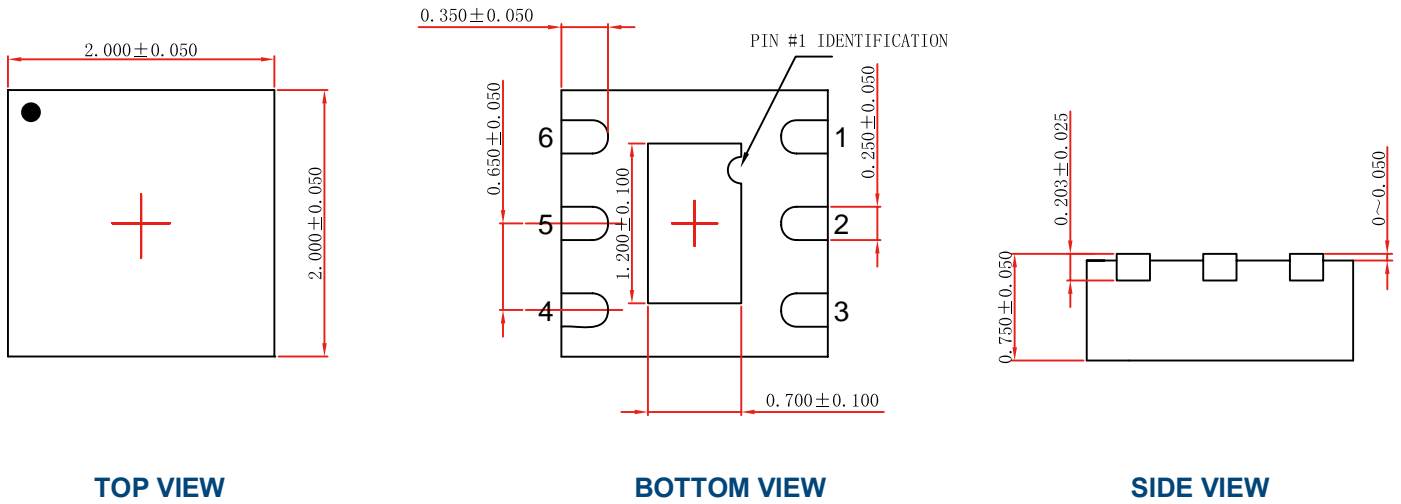
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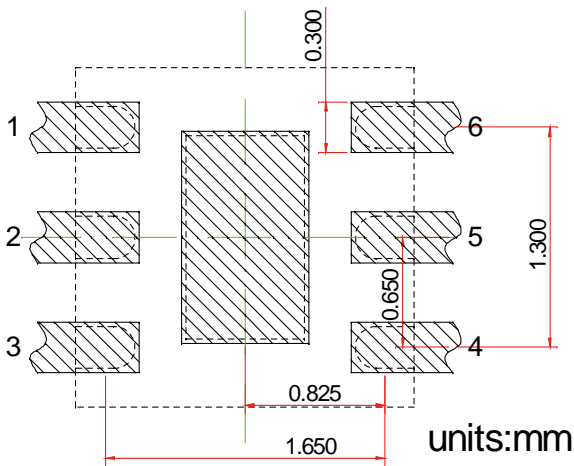
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Outline Drawing



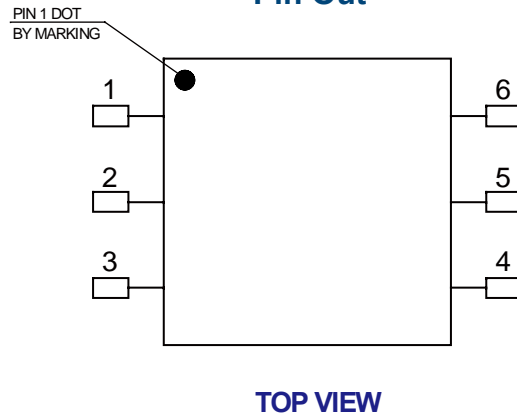
Land Pattern



Recommended Land Pattern Top View

Notes: All dimensions show in millimeters

Pin Out



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

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