

Product Features

- Passive Integration on Silicon
- Low Insertion Loss
- High Isolation
- Solder Pad
- Good Balance
- Low Cost

Application

- Repeater
- Base Station
- RF Sub-Systems



Package : SOT-23-6L

Description

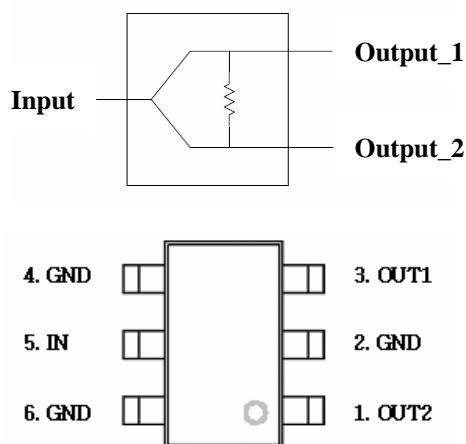
The 2 way power divider is low loss, high isolation, good matching, and phase / amplitude.

The PD36T2 is a monolithic two-way in phase hybrid junction tuned for the 3400~3700MHz band.

Specifications at 25 °C

PARAMETER	Units	Min	Typ	Max
Frequency Range	MHz	3400		3700
Insertion Loss	dB		0.4	0.6
Input Return Loss	dB	17	20	
Output Return Loss	dB	20	23	
Isolation	dB	15	17	
Phase difference	Deg.		1	3
Amplitude difference	dB		0.1	0.3
Remarks	MHz	3600		

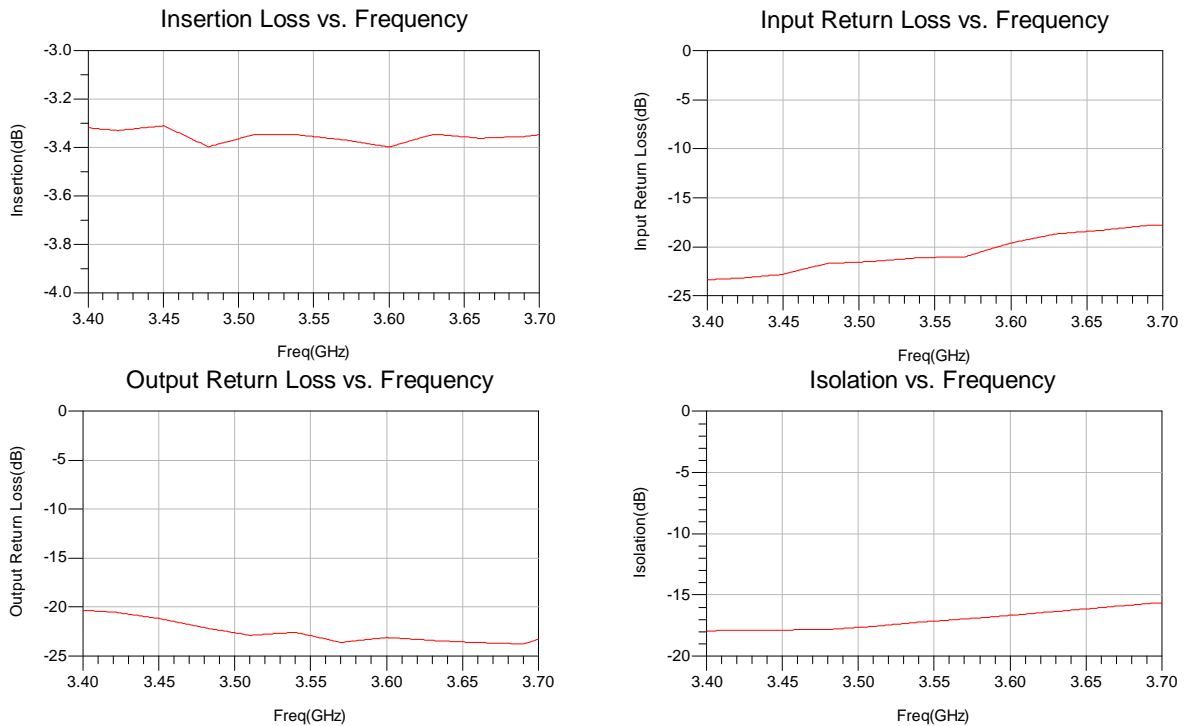
Block Diagram & Pin Out



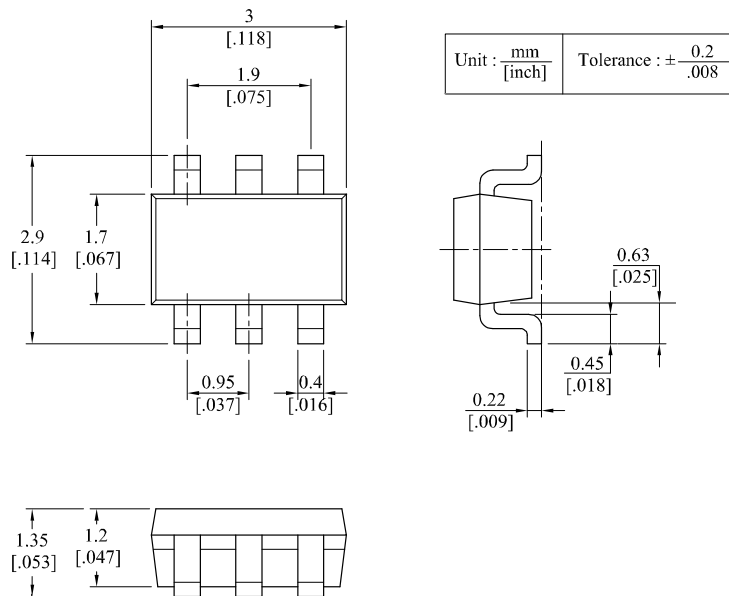
Absolute Maximum Ratings

Parameter	Value
Input Power	1 W
Operating Temperature	-40 ~ +85 °C
Storage Temperature	-65 ~ + 150 °C

Typical Performance Data at 25°C (SOT23-6L Package)



Package Dimensions (Type: SOT23-6L)



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