AMT1502P Clipper Package Chip

emark

Key Features :

- Frequency range : 0 4GHz
- Low insertion loss
- High endurance power
- Low cost QFN package
- Applications : wireless communication, transceiver module, radio telecommunication etc.

Description:

AMT1502P is a high performance GaAs clipper package chip. It covers frequency range of $0 \approx$ 4GHz, +5V single supply, typical insertion loss is 0.2dB.

Absolute Maximum Ratings (Ta = 25 C)					
	Symbol	Parameter	Value	Re	
	Pin	Input Power	45dBm		
	Tch	Operating Temperature	150°C		
	Tstg	Storage Temperature	-55 ~ +125°C		

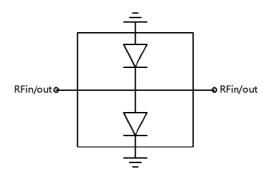
Absolute Maximum Ratings (Ta = 25°C)

[1] Operation outside any of the Absolute Maximum Ratings may cause permanent device damage.

Electrical Characteristics (Ta = 25°C)

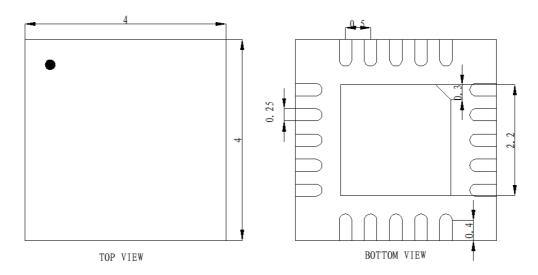
Symbol	Symbol Parameter		Value		
		Min	Typical	Max	
VSWRin	VSWRin Input Standing Wave		1.3	-	-
VSWRout	VSWRout Output Standing Wave		1.3	-	-
IL	IL Insertion Loss		0.2	0.3	dB
P _{LIM} Clipper output level		-	15	-	dBm

Function Block :

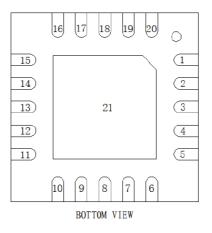


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Dimensions (Unit : mm)



Lead Diagram



Lead	3	13	2, 4, 12, 14, 21	Other
Use	RFin	RFout	GND	Suggest to connect to GND, or floating

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