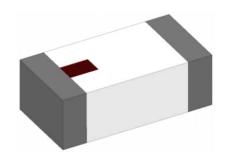
2.4GHz Mini Antenna, SMT

Detail Specification: 7/9/2018

P/N 2450AT18A100

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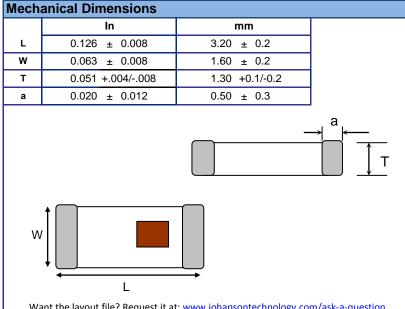
		Let us help you with the antenna	design, optimization, and tuning!
General Specifications			
Part Number	2450AT18A100		
Frequency (MHz)	2400 - 2500		
Avg. Rad Efficiency*	76%		
Peak Gain (dBi typ.)	0.5		
Average Gain (dBi typ.)	-0.5		
Return Loss (dB)	9.5 min.	Storage Period	18 months max.
		Storage Temperature	-40 to +125°C
Impedance	50 Ω	Operating Temperature	-40 to +125°C
Input Power	2 Watts max. (CW)	Reel Quantity	3000

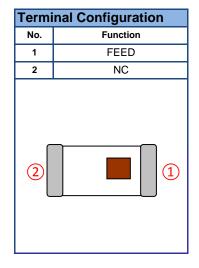


Return Loss (dB)	9.5 min.	Storage Period	18 months max.		
Return Loss (db)		Storage Temperature	-40 to +125°C		
Impedance	50 Ω	Operating Temperature	-40 to +125°C		
Input Power	2 Watts max. (CW)	Reel Quantity	3000		
*Efficiency based on Johannan's standard evoluction based					

*Efficiency based on Johanson's standard evaluation board

Part Number Explanation						
P/N Suffix		Bulk (loose)	Suffix = S	e.g. 2450AT18A100S		
	Packing Style	T&R	Suffix = E	e.g. 2450AT18A100E		
		100% Tin	Suffix = E or S	e.g. 2450AT18A100(E or S)		
	Evaluation Board	2450AT18A100-EBSMA (see page 2&3 for details)				





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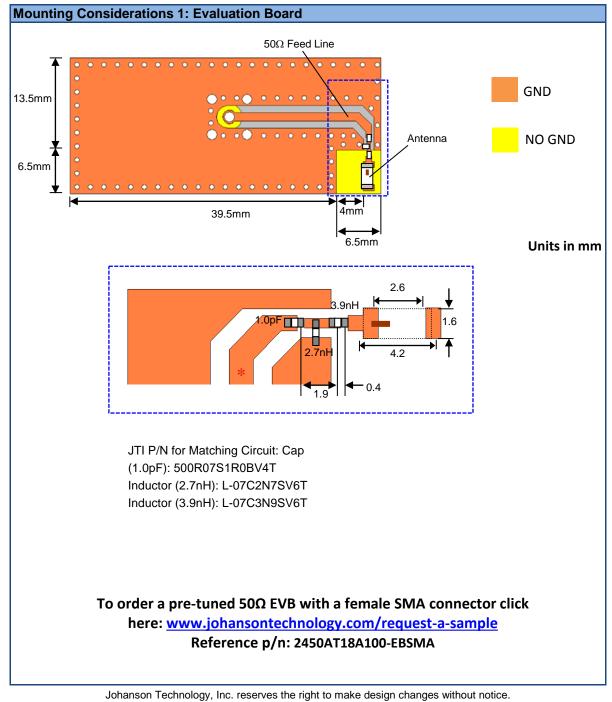
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2.4GHz Mini Antenna, SMT

Detail Specification: 7/9/2018

P/N 2450AT18A100

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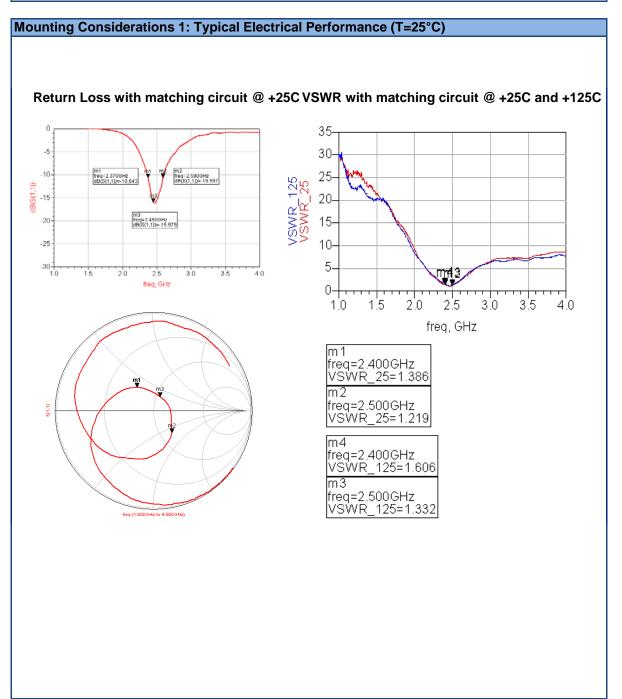
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Ver. 3.0

2.4GHz Mini Antenna, SMT

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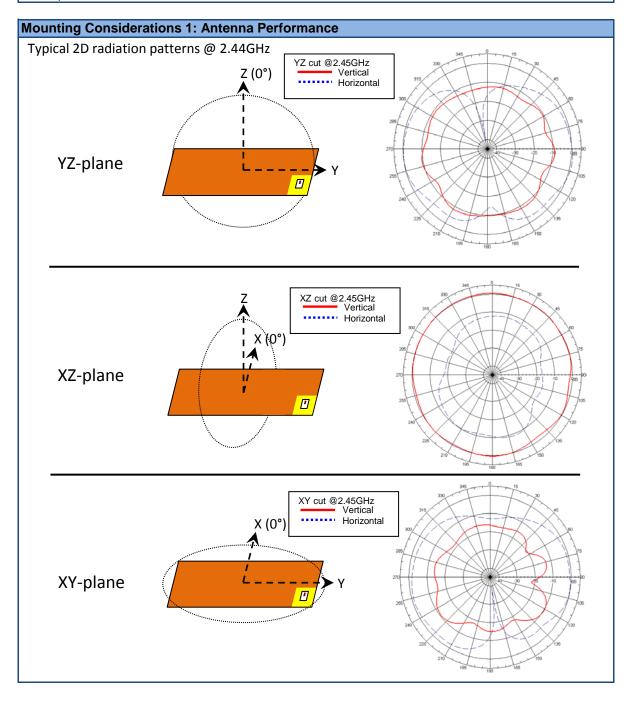
Ver. 3.0

2.4GHz Mini Antenna, SMT

P/N 2450AT18A100

Detail Specification: 7/9/2018

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2.4GHz Mini Antenna, SMT

P/N 2450AT18A100

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Antenna tuning, optimization, and validation services:

www.johansontechnology.com/ipc-antenna-services

For more antennas and to download measured S-parameters, go to: www.johansontechnology.com/antennas

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Need help designing the antenna in? Use our antenna design services! <u>www.johansontechnology.com/ipc-antenna-services</u> We provide 2 free layout reviews and if you need us to tune and characterize the antenna on your product (inside anechoic chamber) we can do that too. Small lab fee may apply for the latter.

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