AEC-Q200 Qualification Available

#### 2.45 GHz SMD Antenna, EIA 1206, Detuning resilient,

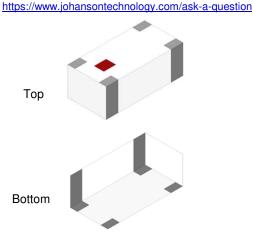
#### Edge Mount Design

Detail Specification: 5/26/2021

Page 1 of 7 Let us help you with the antenna design, optimization, and tuning!

P/N 2450AT18D0100

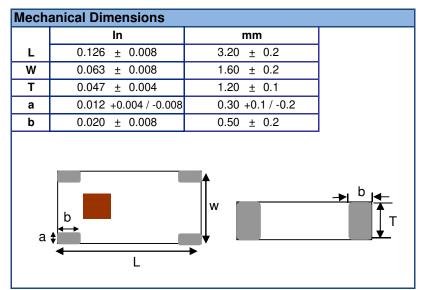
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General Specifications			
Part Number	2450AT18D0100E		
Frequency (GHz)	2.4 - 2.5		
Peak Gain (dBi)	1.5 typ. (XZ-total)		
Average Gain (dBi)	-1.0 typ. (XZ-total)		
Radiated Efficiency <sup>1</sup>	72%		
Return Loss (dB)	10 min.		
Impedance (Ω)	50		
Input Power (W)	3 max. (CW)		
Operating Temperature	-40 to +125°C		
Recommended Storage	+5 to +35°C		
Conditions and Period for unused Product on T&R	Humidity 45 - 75% RH		
	18 months max.		
Reel Quantity (pcs./reel)	3,000		

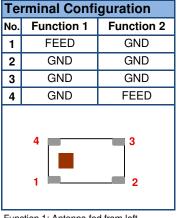


<sup>1</sup>Efficiency measured on Johanson's evaluation board PN 2450AT18D0100-EB1SMA

#### Part Number Explanation

P/N Suffix	Packing Style	Bulk (loose pcs.)	Suffix = S	e.g. 2450AT18D0100S
		T & R	Suffix = E	e.g. 2450AT18D0100E
		100% Tin	Suffix = None	e.g. 2450AT18D0100(E or S)
	Evaluation Board	2450AT18D0100-EB1SMA		





Function 1: Antenna fed from left Function 2: Antenna fed from right

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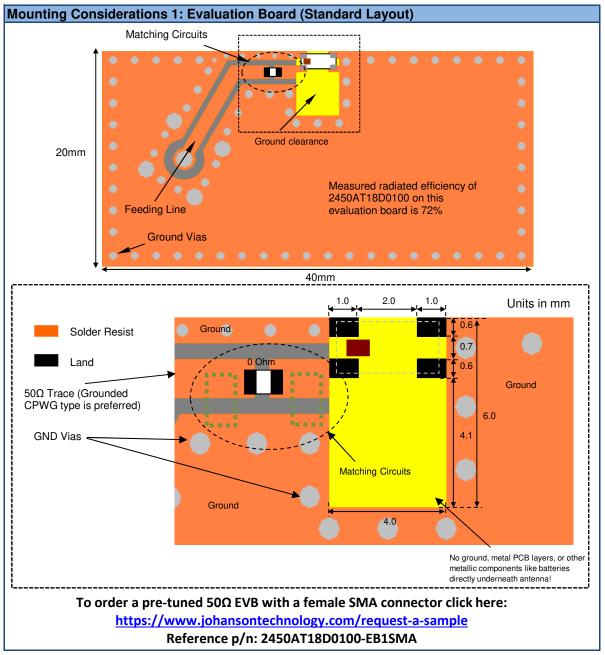
Ver. 4.4

#### 2.45 GHz SMD Antenna, EIA 1206, Detuning resilient, Edge Mount Design

P/N 2450AT18D0100

Detail Specification: 5/26/2021

Page 2 of 7



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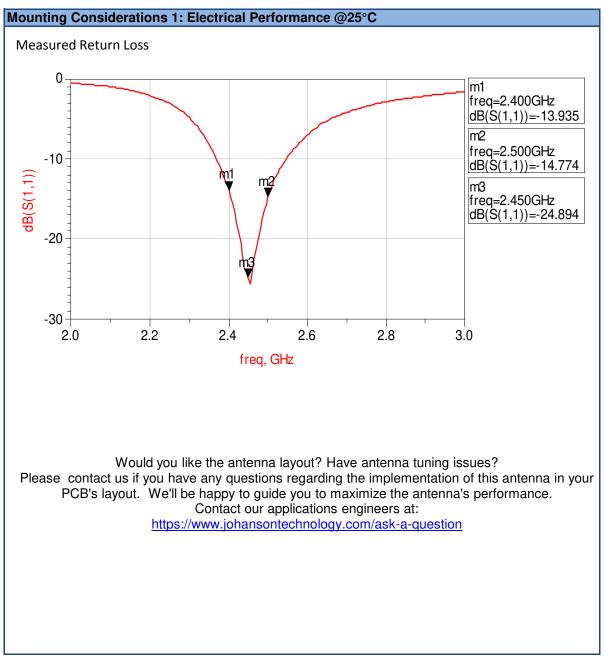
Ver. 4.4

2.45 GHz SMD Antenna, EIA 1206, Detuning resilient,

P/N 2450AT18D0100

**Edge Mount Design** Detail Specification: 5/26/2021

Page 3 of 7



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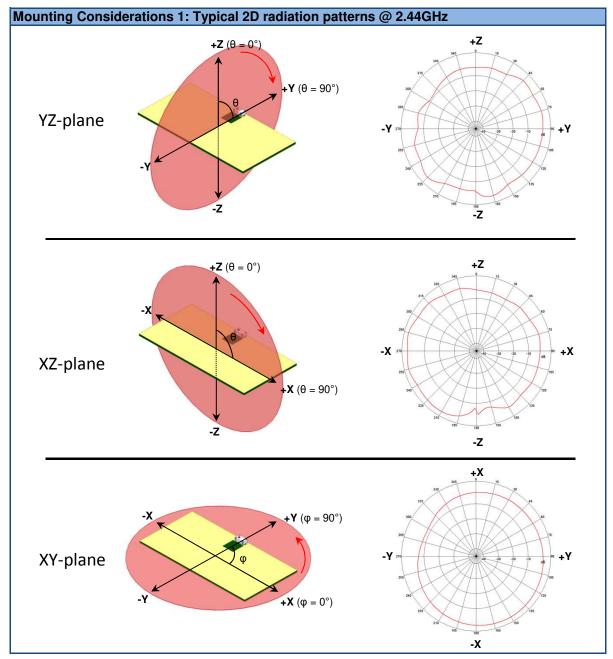
Ver. 4.4

#### 2.45 GHz SMD Antenna, EIA 1206, Detuning resilient, Edge Mount Design

P/N 2450AT18D0100

Detail Specification: 5/26/2021

Page 4 of 7



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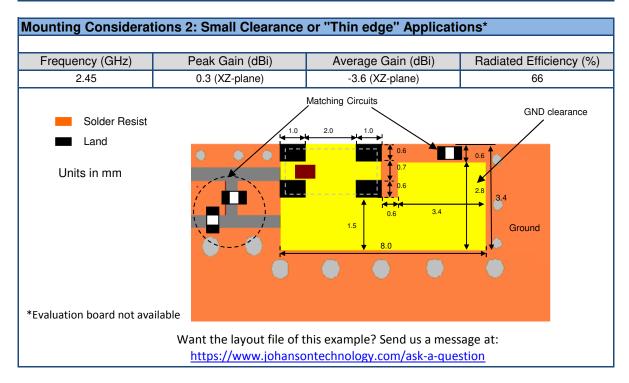
#### 2.45 GHz SMD Antenna, EIA 1206, Detuning resilient,

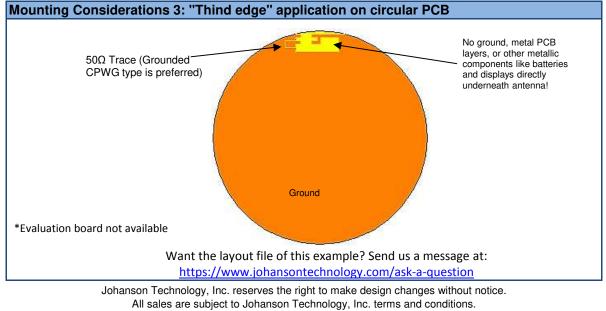
Edge Mount Design

P/N 2450AT18D0100

Page 5 of 7

Detail Specification: 5/26/2021







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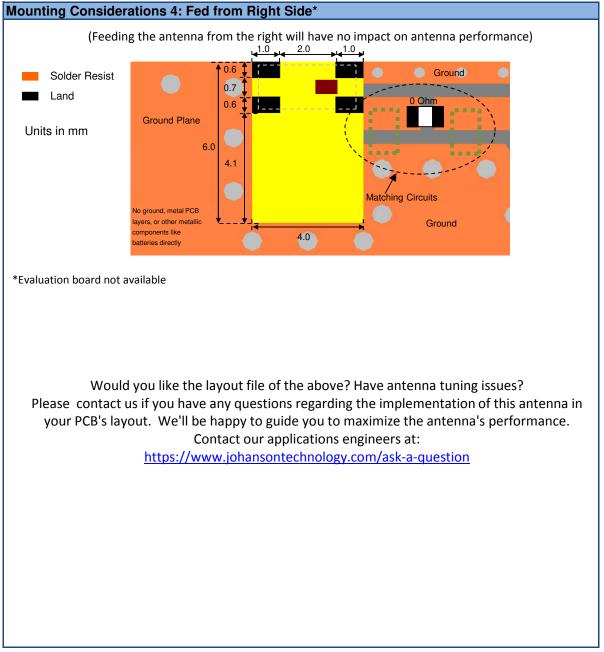
Ver. 4.4

# 2.45 GHz SMD Antenna, EIA 1206, Detuning resilient, Edge Mount Design

P/N 2450AT18D0100

Page 6 of 7

Detail Specification: 5/26/2021



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