#### 7GHz Mini UWB Antenna, AEC-Q200 Qualified

P/N 7000AT18A1600E-AEC

Page 1 of 5

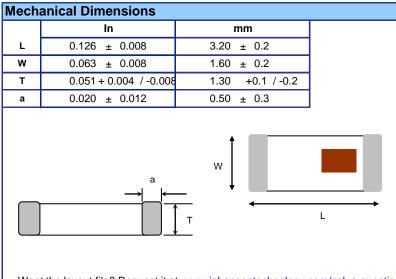
Detail Specification: 3/16/2018

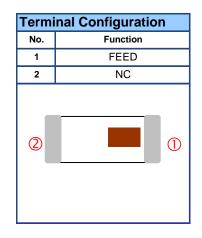
Let us help you with the antenna design, optimization, and tuning!

<b>General Specification</b>	ons			
Part Number	7000AT18A1600E-AEC			
Frequency (GHz)	6.2 - 7.8			
Avg. Rad Efficiency	84%			
Peak Gain (dBi)	3.8			
Average Gain (dBi)	-1.3			
Return Loss (dB)	10 min.	Storage Period	18 months max	
		Storage Temperature	-40 to +105°C	
Impedance	50 Ω	Operating Temperature	-40 to +105°C	
Input Power	2 Watts max. (CW)	Reel Quantity	3,000	

#### Part Number Explanation

P/N Suffix	Packing Style	Bulk (loose)	Suffix = S	e.g. 7000AT18A1600S-AEC	
		T & R	Suffix = E	e.g. 7000AT18A1600E-AEC	
		100% Tin	Suffix = E or S	e.g. 7000AT18A1600(E or S)-AEC	
	Evaluation Board	7000AT18A1600-EB1SMA (see page 2&3 for details)			





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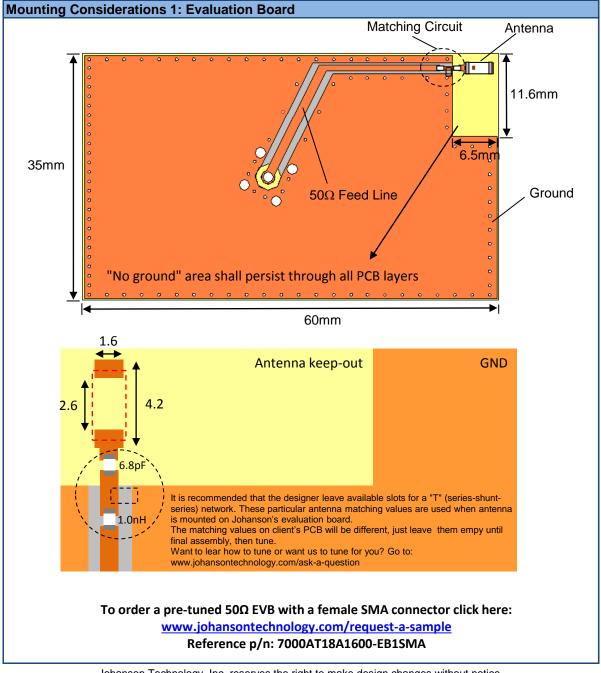
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Detail Specification:

Page 2 of 5



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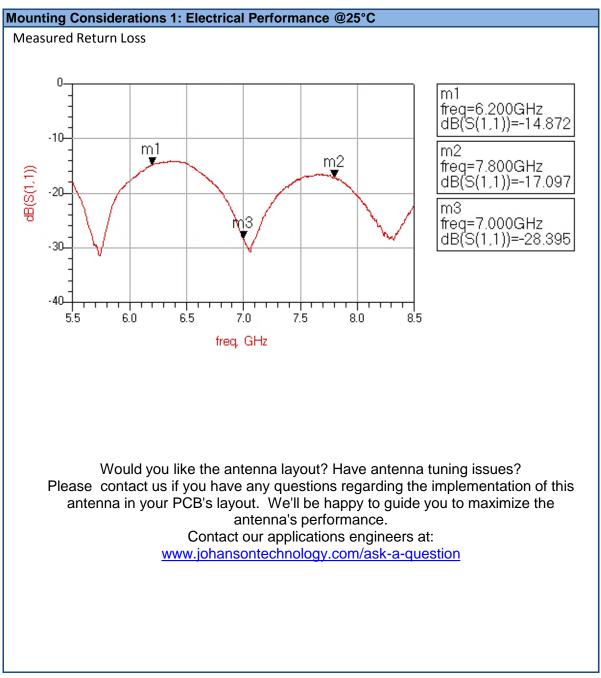
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Detail Specification:

Page 3 of 5



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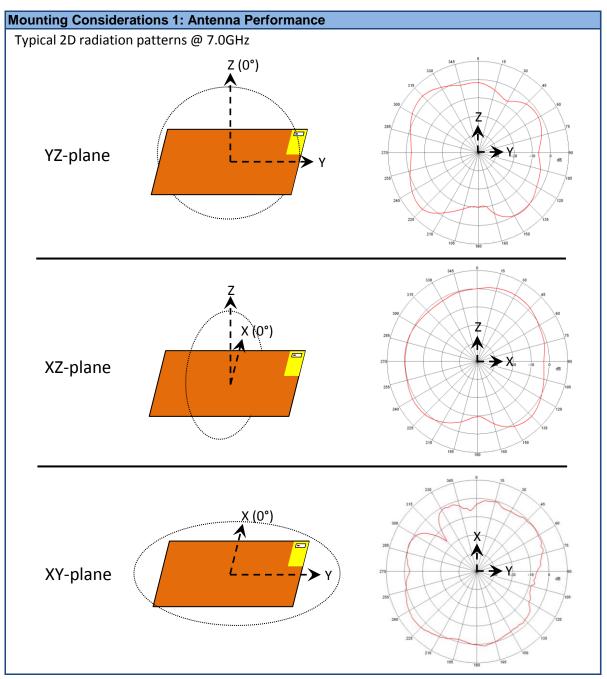


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P/N 7000AT18A1600E-AEC Page 5 of 5

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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