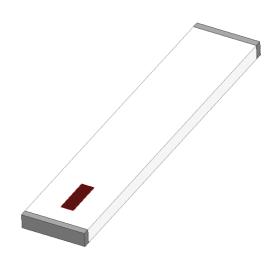
### 433 MHz ISM Antenna SMD (25x5mmx1.2)

Detail Specification: 5/30/2018

P/N 0433AT62A0020E-AEC Page 1 of 10

<b>General Specifications</b>	
Part Number	0433AT62A0020E-AEC
Frequency (MHz)*	423 - 443
Peak Gain (XZ-total)	-4.0 dBi typ.
Average Gain (XZ-total)	-4.0 dBi typ.
Return Loss	9.5 dB min.
Impedance	50 Ω

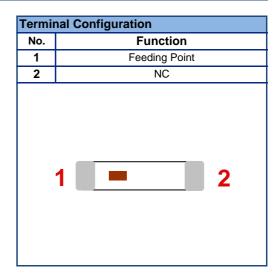
Power Capacity (W)	3 max. (CW)
Operating Temperature	-40 to +105°C
Recommended Storage	+5 ~ +35 °C
Conditions for unused	Humidity 45~75%RH
T&R product	18 mos. max
Reel Quantity	500 pcs.



\*See page 8 for tuned antenna performance at 460MHz \*See page 9 for tuned antenna performance at 403MHz

Part Numbe	er Explanation			
		Bulk	Suffix = S	eg. 0433AT62A0020S
P/N Suffix	Packing Style	T&R	Suffix = T	eg. 0433AT62A0020E
		100% Tin	Suffix = None	eg. 0433AT62A0020(E or S)

Me	chanical	Dim	ensions	
		In		mm
L	0.984	±	0.008	25.00 ± 0.20
W	0.197	±	0.008	5.00 ± 0.20
Т	0.047	±	0.004	1.20 ± 0.10
а	0.020	±	0.008	0.50 ± 0.20
a2	0.039	±	0.008	1.00 ± 0.20
	wţ	L		$\xrightarrow{i}_{a2}^{a1} \underbrace{\leftarrow}_{T}$



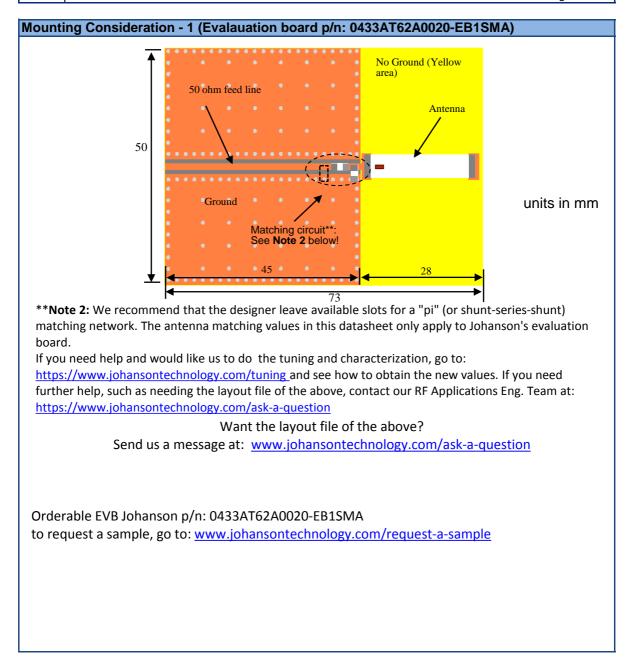
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#### **433 MHz ISM Antenna SMD (25x5mmx1.2)** Detail Specification: 5/30/2018

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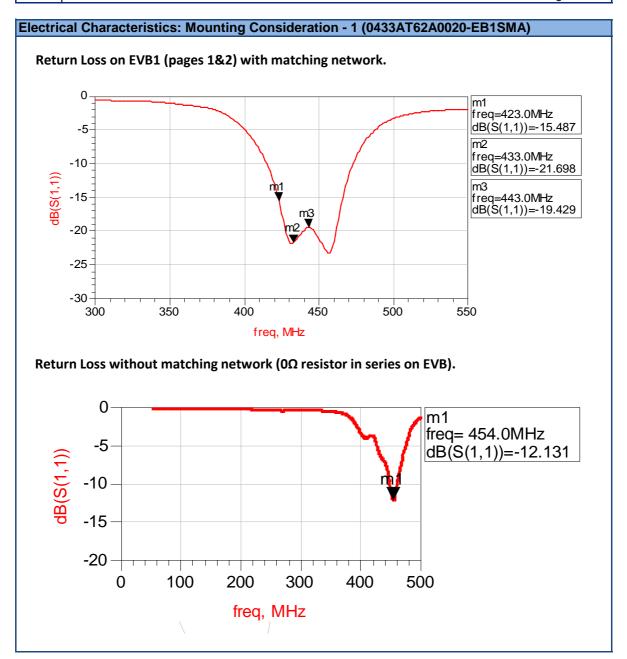


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**433 MHz ISM Antenna SMD (25x5mmx1.2)** Detail Specification: 5/30/2018 P/N 0433AT62A0020E-AEC Page 3 of 10

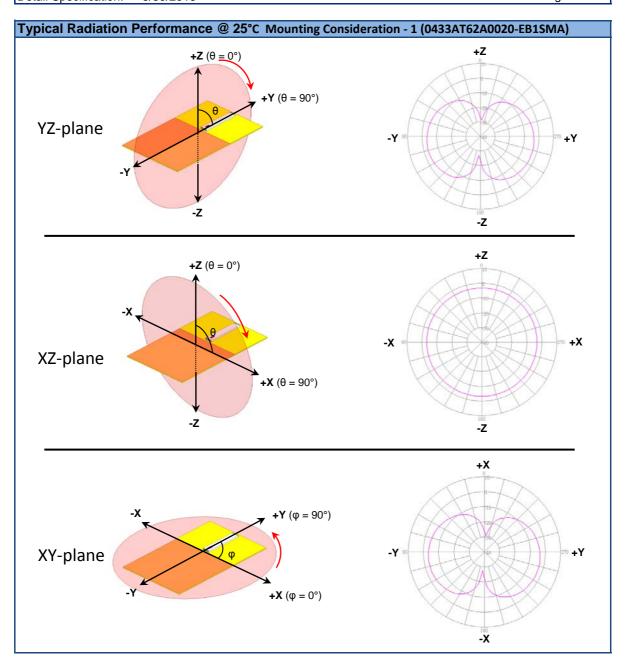


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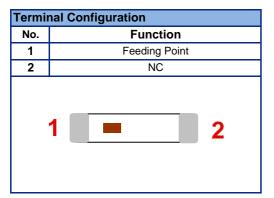
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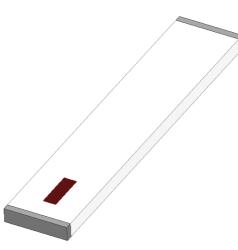
#### 433 MHz ISM Antenna SMD (25x5mmx1.2)

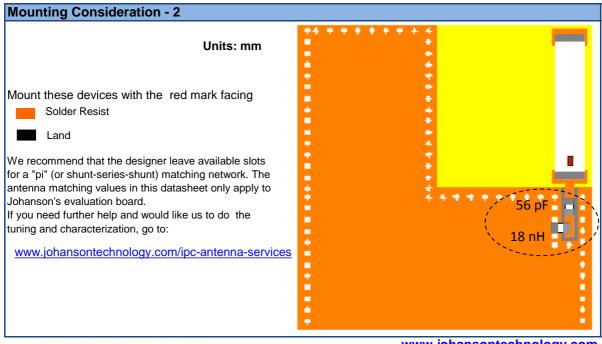
Detail Specification: 5/30/2018

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General Specifications: Mounting Considera		
Part Number	0433AT62A0020	
Frequency (MHz)	423 - 443	
Peak Gain (XZ-total)	-6.8 dBi typ. (Mounting 2)	
Average Gain (XZ-total)	-7.2 dBi typ. (Mounting 2)	
Return Loss	5 dB min. (Mounting 2)	
Impedance	50 Ω	









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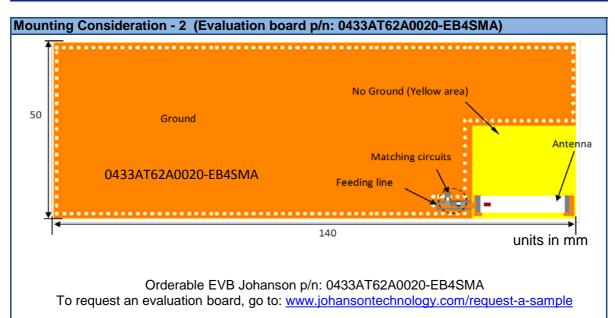
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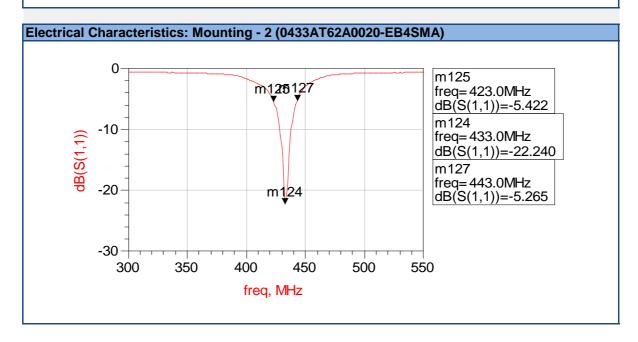
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433 MHz ISM Antenna SMD (25x5mmx1.2)

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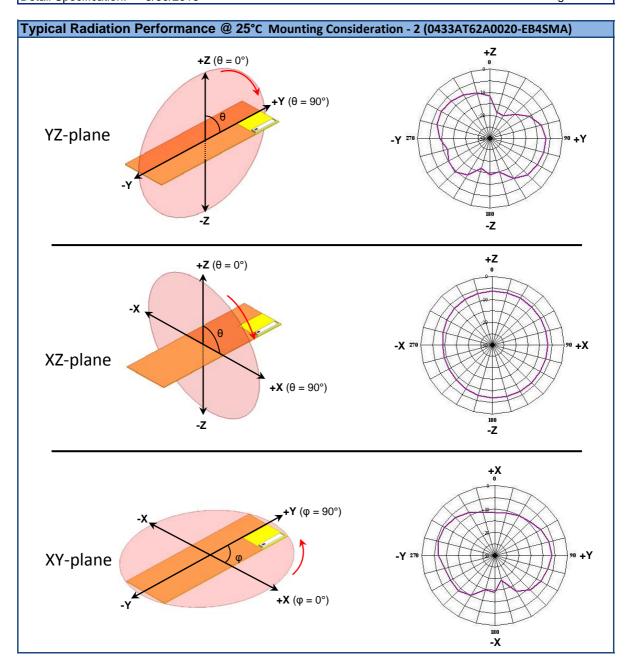


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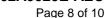


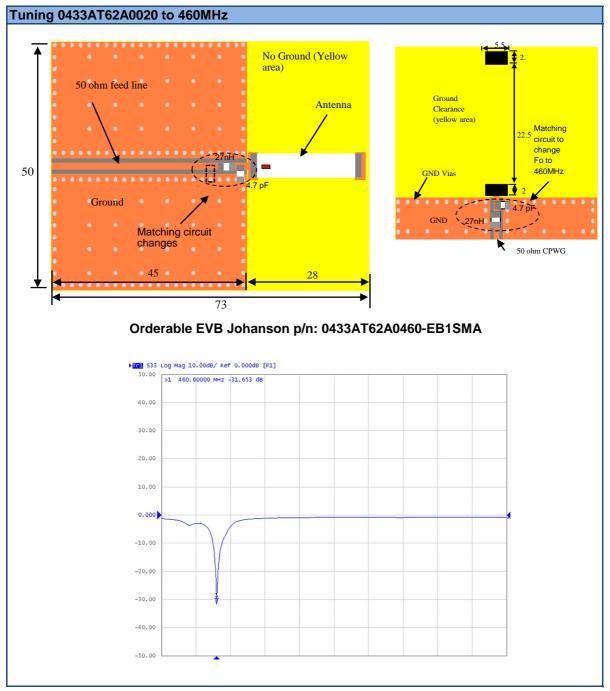
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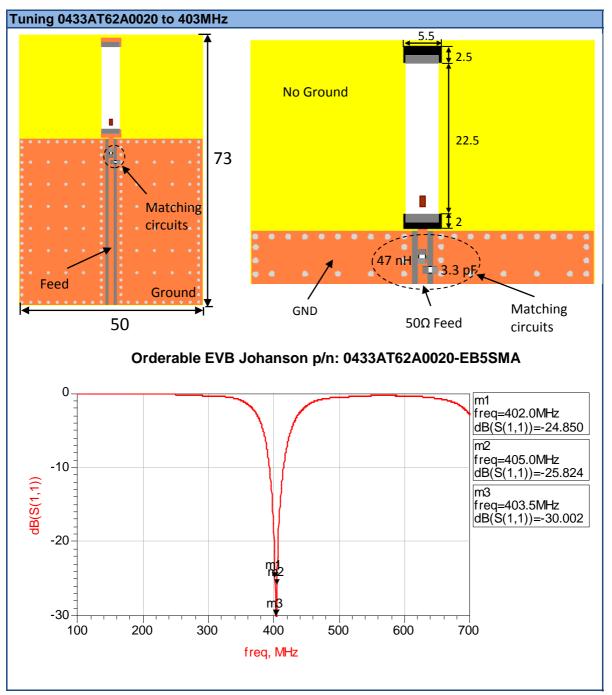


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433 MHz ISM Antenna SMD (25x5mmx1.2) Detail Specification: 5/30/2018

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433 MHz ISM Antenna SMD (25x5mmx1.2)

P/N 0433AT62A0020E-AEC

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Antenna layout and tuning techniques (How to obtain the new antenna matching values) www.johansontechnology.com/tuning

Antenna layout review, tuning, and characterization services www.johansontechnology.com/ipc-antenna-services

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