

SF-043301-S20

Wireless, RF SAW Filter
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- ☐ Electrical Characteristics
 - ☐ Package Dimensions
 - ☐ Testing Environment
 - ☐ Frequency Characteristics
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□ Electrical Characteristics

Maximum Ratings

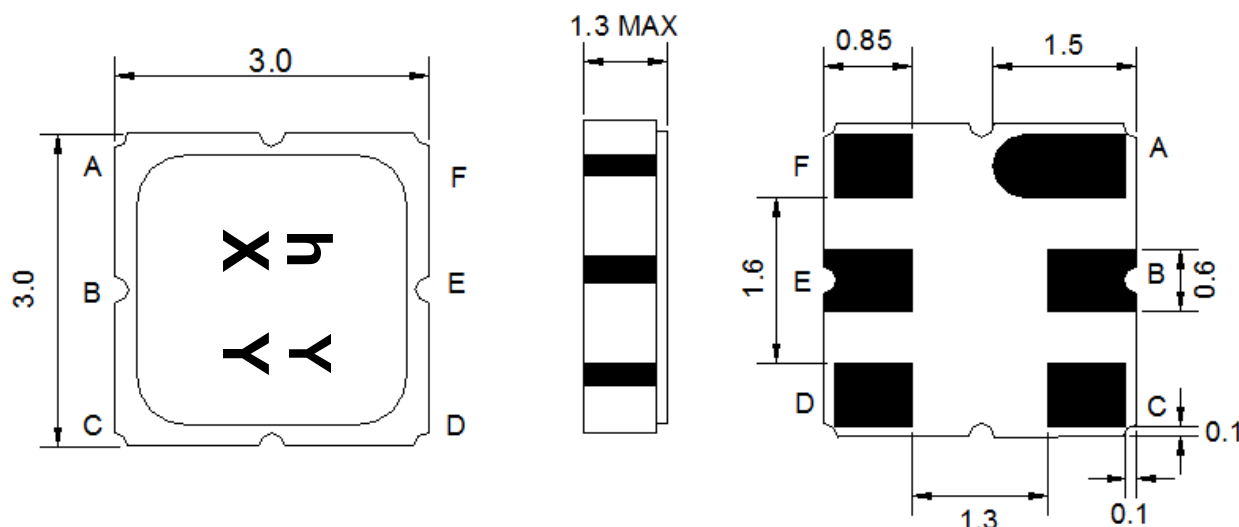
Parameters Description	Unit	Minimum	Typical	Maximum
Operating Temperature Range	°C	-40	-	+85
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	3
Maximum Input Power	dBm	-	-	10
Source Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Load Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Package type & size	S20			
Length x Width	mm ²	-	3.0 x 3.0	-
Height	mm	-	-	1.3

Electrical Specification

Parameters Description	Unit	Minimum	Typical	Maximum
Center Frequency (Fo)	MHz	-	433.92	-
Maximum I.L (IL _{min})	dB	-	3.0	4.0
Pass band(relative to IL _{min}) 433.67 ~ 434.17 MHz	dB	-	0.7	3.0
Pass Bandwidth(relative to IL _{min}) BW ₃	KHz	500	950	
Attenuation: (relative to IL _{min})				
10.0 ~ 412.52 MHz	dB	47	52	-
412.52 ~ 423.22 MHz	dB	40	45	-
423.22 ~ 432.92 MHz	dB	15	22	-
434.92 ~ 444.62 MHz	dB	10	15	-
444.62 ~ 455.32 MHz	dB	38	43	-
455.32 ~ 1000.0MHz	dB	43	48	

Notes : (1) With Matching Network .

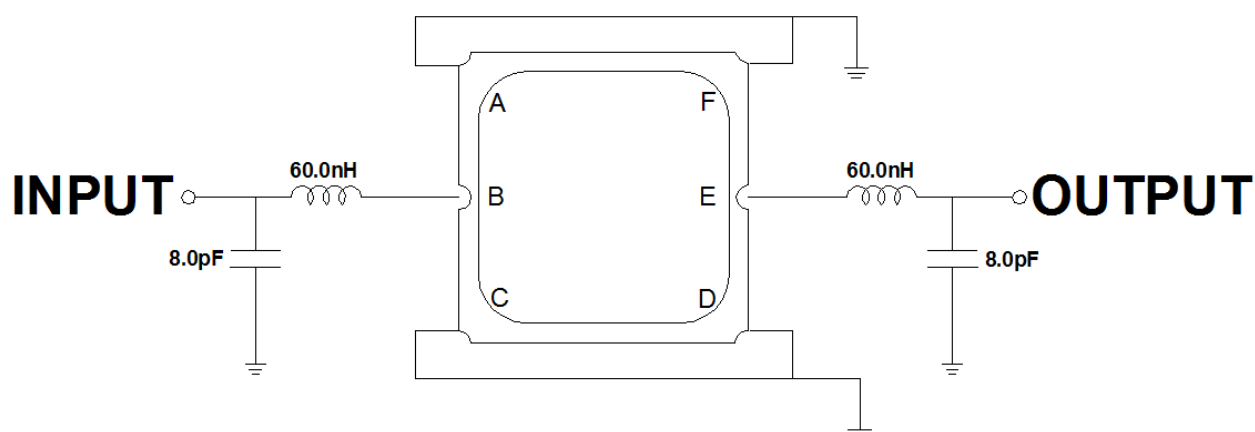
Package Dimensions



Marking Descriptions	
h	Wireless Application
Y	Series Number
X	Date Code(Year)
Y	Date Code(Month)

Pin Description	
A, C, D, F	Ground
B	Input
E	Output

Testing Environment



Source & Load Impedance: 50 Ω

□ Frequency Characteristics

Frequency Response

