

SF-092203-S27

ISM-Band, RF SAW Filter
Revision 0: May 2017



- ☐ Electrical Characteristics
 - ☐ Package Dimensions
 - ☐ Testing Environment
 - ☐ Frequency Characteristics
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□ Electrical Characteristics

Maximum Ratings

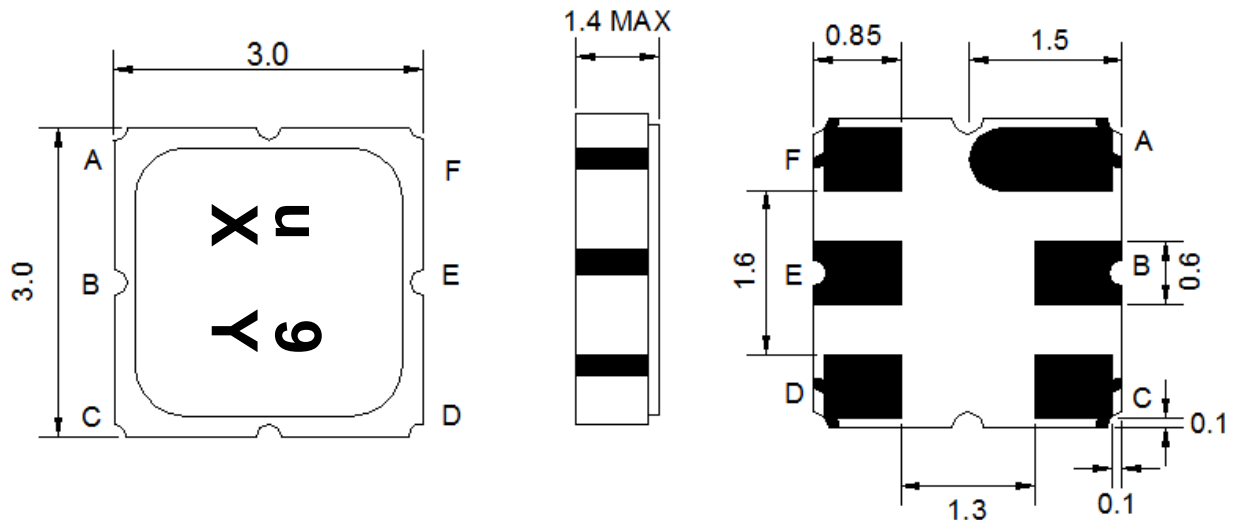
Parameters Description	Unit	Minimum	Typical	Maximum
Operating Temperature Range	°C	-20	-	+75
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	5
Maximum Input Power	dBm	-	-	10
Source Impedance (unbalanced) ⁽¹⁾	Ω	-	50	-
Load Impedance (unbalanced) ⁽¹⁾	Ω	-	50	-
Package type & size	S27			
Length x Width	-	-	3.0 x 3.0	-
Height	mm	-	-	1.4

Electrical Specification

Parameters Description	Unit	Minimum	Typical	Maximum
Center Frequency (Fo)	MHz	-	922.5	-
Insertion Loss within 920.0 ~ 925.0 MHz	dB	-	2.7	4.2
Amplitude Ripple within 920.0 ~ 925.0 MHz	dB _{p-p}	-	0.4	2.0
Attenuation(Reference level from 0 dB):				
775.0 ~ 835.0 MHz	dB	40	45	-
835.0 ~ 895.0 MHz	dB	36	44	-
970.0 ~ 992.0 MHz	dB	36	44	-
992.0 ~ 1075.0 MHz	dB	38	45	-

Notes : (1)No Matching Network (Ref. Testing Environment Circuit as shown below).

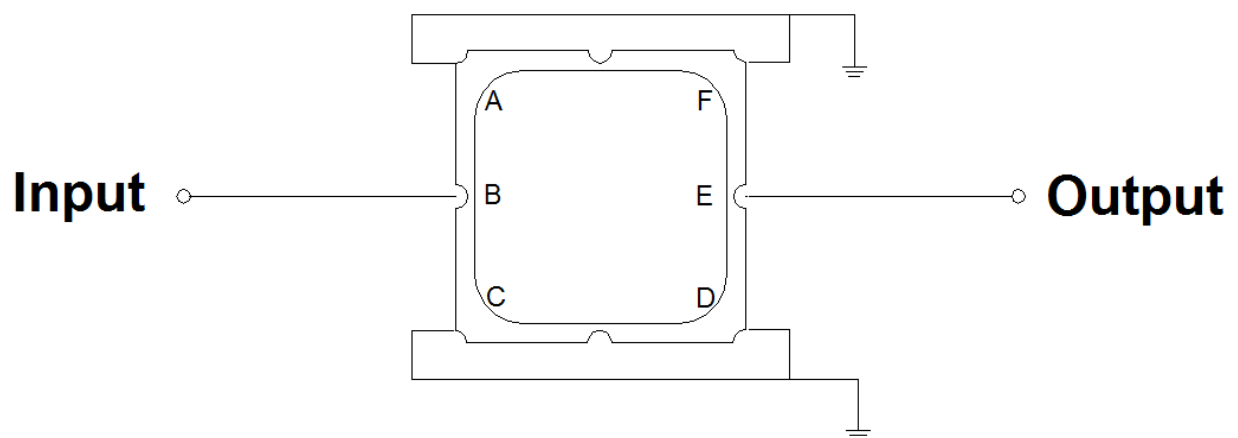
Package Dimensions



Marking Descriptions	
u	ISM-Band Application
9	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

