

SF-043310-S27

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



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

Maximum Ratings

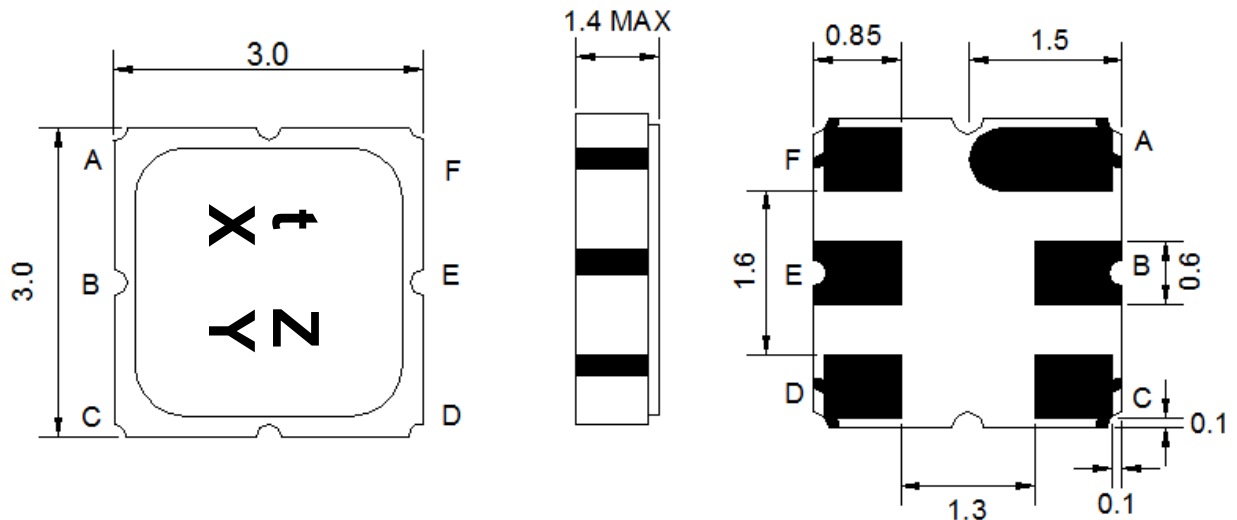
Parameters Description	Unit	Minimum	Typical	Maximum
Operating Temperature Range	°C	-10	-	+60
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	3
Maximum Input Power	dBm	-	-	10
Source Impedance (unbalanced) ⁽¹⁾	Ω	-	50	-
Load Impedance (unbalanced) ⁽¹⁾	Ω	-	50	-
Package type & size	S27			
Length x Width	-	-	3.0 x 3.0	-
Height	mm	-	-	1.4

Electrical Specification

Parameters Description	Unit	Minimum	Typical	Maximum
Center frequency Fc	MHz	-	433.92	-
Insertion loss (433.00 ~ 434.71 MHz) IL	dB	-	2.0	2.7
Amplitude ripple (433.00 ~ 434.71 MHz)	dB	-	0.3	1.3
Attenuation (Reference level from 0 dB)				
389.0 ~ 392.0 MHz	dB	42	54	-
411.0 ~ 414.0 MHz	dB	40	50	-
454.0 ~ 457.0 MHz	dB	40	51	-
475.5 ~ 478.5 MHz	dB	42	52	-

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

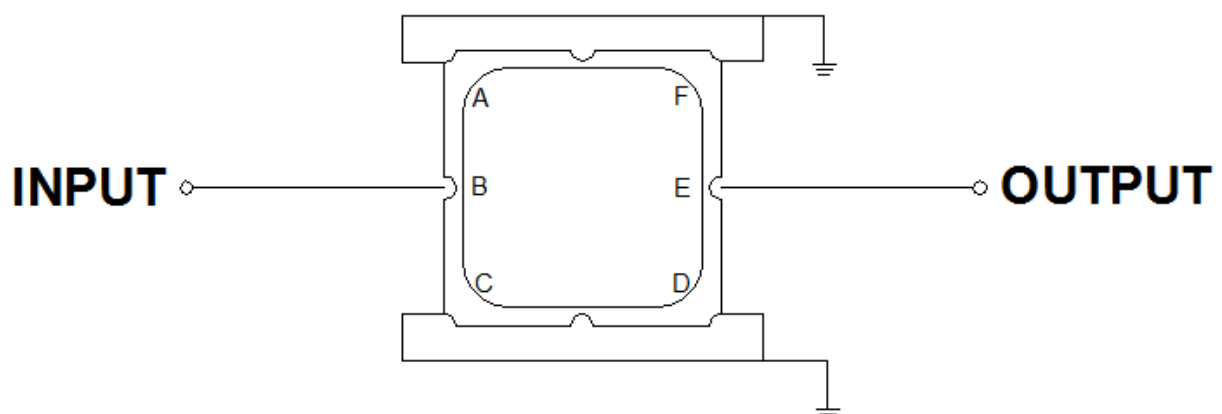
Package Dimensions



Marking Descriptions	
t	ISM-Band Application
Z	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

