

# SPECIFICATION

## COMMERCIALY AVAILABLE

RF SAW BAND PASS  
 PART NUMBER: SF0451003A  
 RoHS

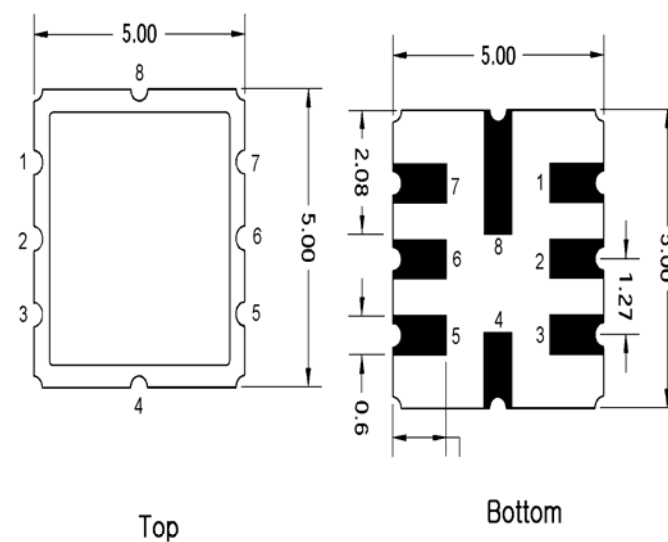
ISSUED / REVISION	ENGINEER APPROVED	DOCUMENT CHECKED	DRAFTSMAN
6/30/15 <sup>(kn)</sup>			

***FILTRONETICS Inc***

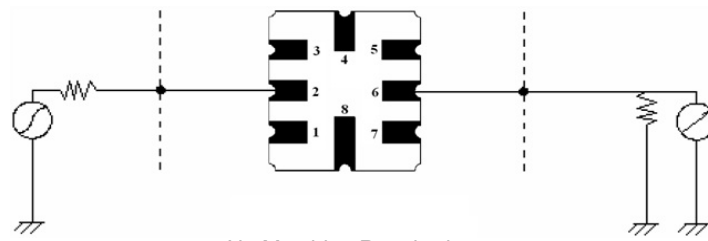
## 1. Electrical Specifications:

Item	Unit	Condition	Min	Typ	Max
Center Frequency	MHz	Fo	451.50		
Pass Band Width	MHz	450.0 ~ 453.0	3.0		
Insertion Loss	dB	Pass Band	-	2.0	3.5
Ripple Deviation	dB	Pass Band	-	1.0	2.0
Stop Band Rejection (Absolute Attenuation)	dB	@Fc±3.5MHz	-	-	-
		@Fc±10.0MHz	10	15	-
I/O VSWR	-	Pass Band	-	1.5	2.0
Maximum DC Voltage	V	3			
Maximum Input Power	dBm	20			
Terminating Impedance	Ω	50			
Operating Temperature	°C	-30 ~ +75			
Storage Temperature	°C	-40 ~ +85			
Package Type	mm	SMD 5 X 5			

## 2. Dimension:



**Matching Configuration**



No Matching Required  
 Source / Load Impedance = 50Ω  
 Ambient Temperature = 25°C

**3. Simulation:**

