



telephone 949 252 0522



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Product Category: RF SAW Filter

Part Number	Package	Application	Last Modified
803-RF425.0M-C	3.8 x 3.8 SMD	Wireless	Jan. 01, 2007

TYPE:

Wireless RF SAW Filter

PART NUMBER:

803-RF425.0M-C

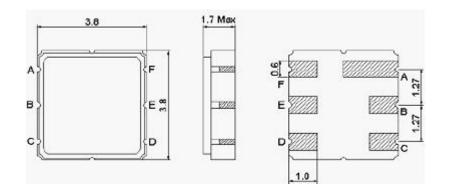


## **OPERATING CONDITIONS / ELECTRICAL CHARACTERISTICS**

PARAMETERS	Condition	Minimum	Typical	Maximum	Units
Center Frequency (Fo)	-	-	425.0	-	MHz
Maximum Insertion Loss	420.0 ~ 430.0 MHz	-	2.5	3.5	dB
Attenuation:	Fo-47.8 ~ Fo-37.8 MHz	55	59	-	dB
	Fo+37.8 ~ Fo+47.8 MHz	40	43	-	ub ub
Source Impedence (single ended)*	-	-	50	-	ohm
Load Impendance (single ended)*	-	-	50	-	ohm
Amplitude Ripple	420.0 ~ 430.0 MHz	-	0.6	1.5	dBp-p
VSWR	420.0 ~ 430.0 MHz	-	1.5	2.0	-
Maximum Input Power	-	-	-	0	dBm
Maximum DC Voltage	-	-	-	10	V
Operating Temperature	-	-10	-	+50	°C

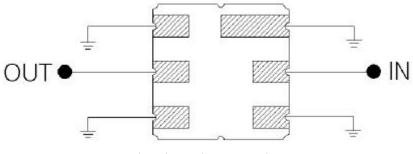
<sup>\*</sup> No Matching Network (Ref. Testing Environment Circuit as shown)

## PACKAGE OUTLINE (mm)



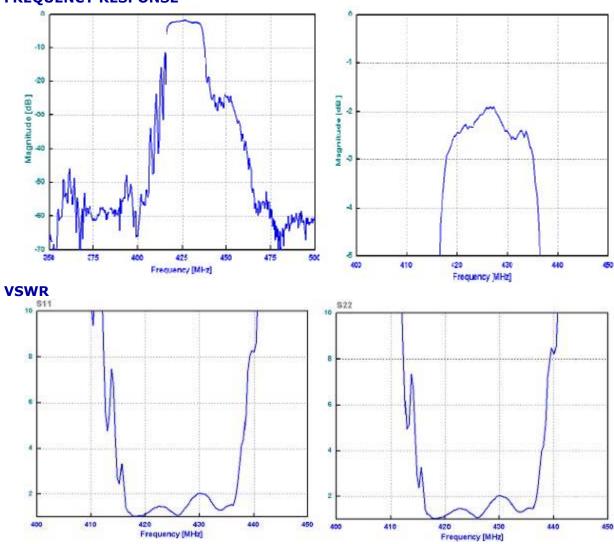
PIN LAYOUT		
Α	Ground	
В	In	
С	Ground	
D	Ground	
E	Out	
F	Ground	

**TEST FIXTURE** 

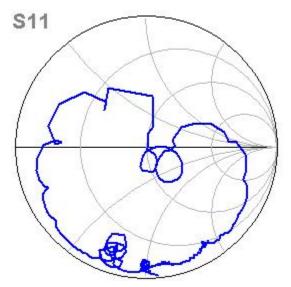


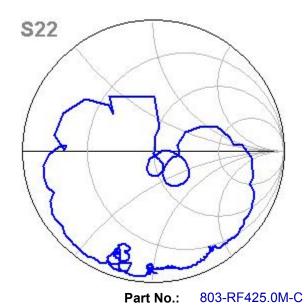
Source/ Load Impedance = 50 ohms

## **FREQUENCY RESPONSE**



**SMITH CHART** 





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