

836 MHz RF SAW Filter

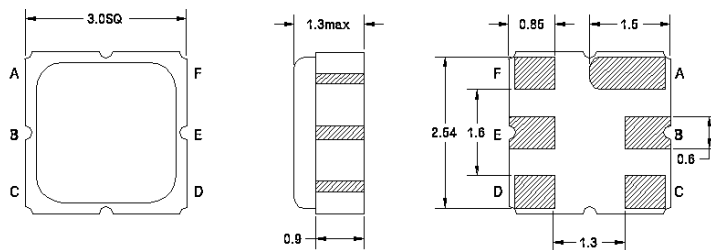
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Specifications

Parameter	Unit	Min	Typical	Max
Center Frequency	MHz	-	836.5	-
Insertion Loss within 824 ~ 849 MHz	dB	-	2.2	3.0
Source Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Load Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Operating Temperature Range	$^{\circ}\text{C}$	-30	-	+80
Amplitude Ripple within 824 ~ 849 MHz	dB _{p-p}	-	0.6	1.5
Attenuation:				
D.C. ~ 800 MHz	dB	48	53	-
869 ~ 1049 MHz	dB	27	32	-
1049 ~ 1200 MHz	dB	50	54	-
1200 ~ 2000 MHz	dB	43	48	-
VSWR within 824 ~ 849 MHz	-	-	1.5	2.0
Maximum DC Voltage	V	-	-	5
Maximum Input Power	dBm	-	-	15
Package type & size				
Length X Width	mm ²	-	3.0 X 3.0	-
Height	mm	-	-	1.3

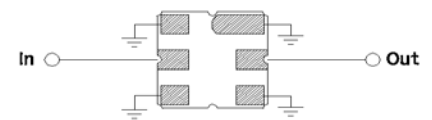
Notes: No Matching Network (Ref. Testing Environment Circuit as shown below).

Package Outline



PIN Descriptions	
IN	E
Out	B
Ground	A, C, D, F

Testing Environment



Source & Load Impedance 50 Ω

SAW PRODUCTS

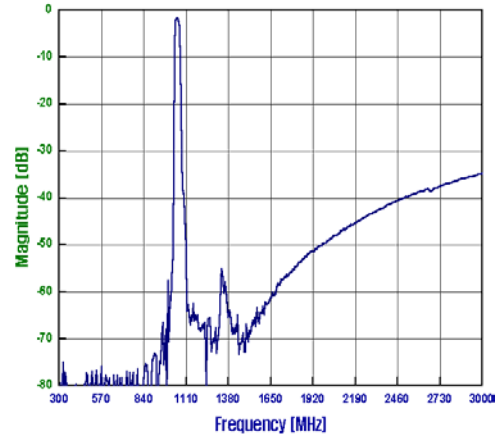
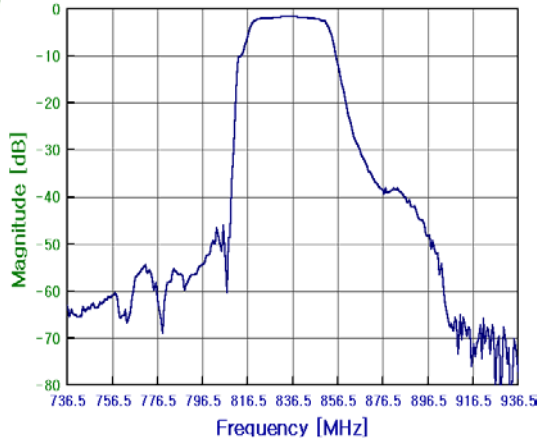
COM DEV

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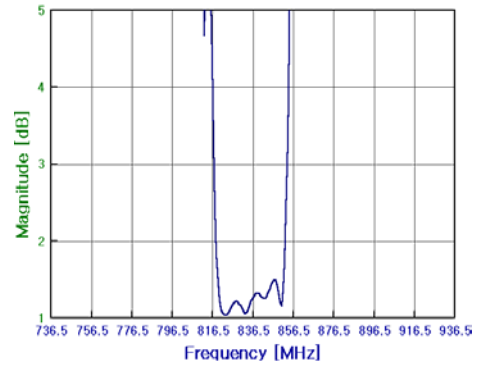
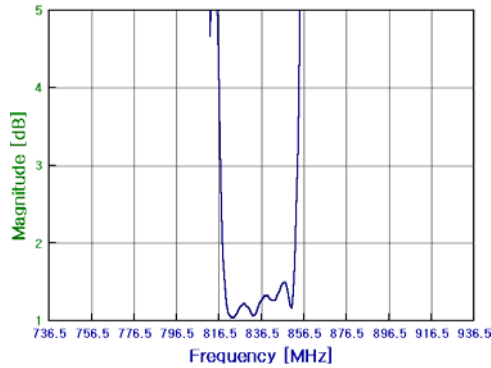
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SAW PRODUCTS

Frequency Response



VSWR



Smith Chart

