

881 MHz RF SAW Filter

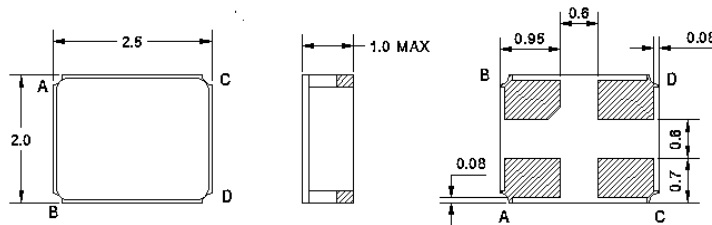
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Specifications

Parameter	Unit	Min	Typical	Max
Center Frequency	MHz	-	881.5	-
Insertion Loss within 869 ~ 894 MHz	dB	-	2.4	2.8
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 869 ~ 894 MHz	$\text{dB}_{\text{p-p}}$	-	0.65	1.2
Attenuation:				
D.C. ~ 840 MHz	dB	45	51	-
840 ~ 851 MHz	dB	40	45	-
914 ~ 924 MHz	dB	20	26	-
924 ~ 950 MHz	dB	34	39	-
950 ~ 997 MHz	dB	40	49	-
997 ~ 2200 MHz	dB	40	47	-
2200 ~ 3000 MHz	dB	27	30	-
VSWR within 869 ~ 894 MHz	-	-	1.7	2.1
Maximum DC Voltage	V	-	-	5
Maximum Input Power	dBm	-	-	15
Package type & size				
Length X Width	mm^2	-	2.5 X 2.0	-
Height	mm	-	-	1.0

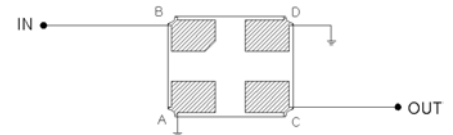
Notes: No Matching Network (Ref. Testing Environment Circuit as shown below).

Package Outline



PIN Descriptions	
IN	B
Out	C
Ground	A,D

Testing Environment

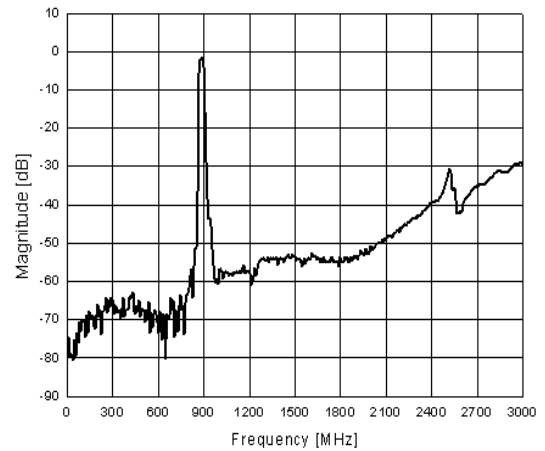
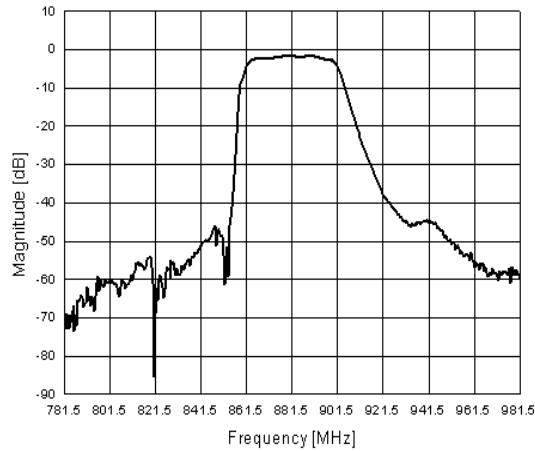


Source & Load Impedance 50 Ω

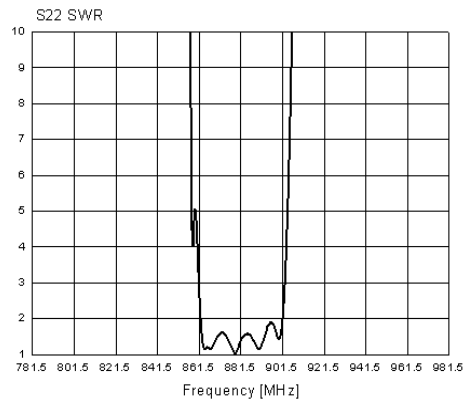
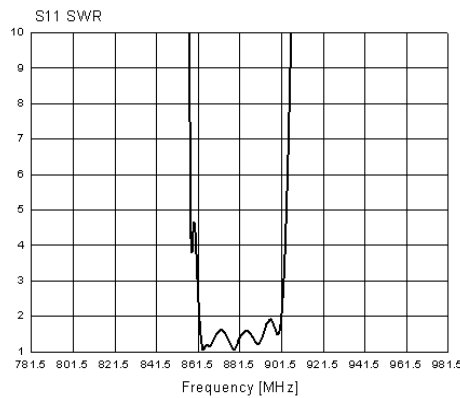
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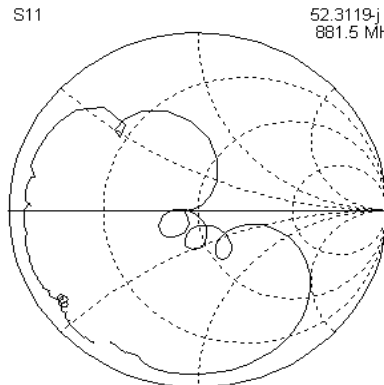
Frequency Response



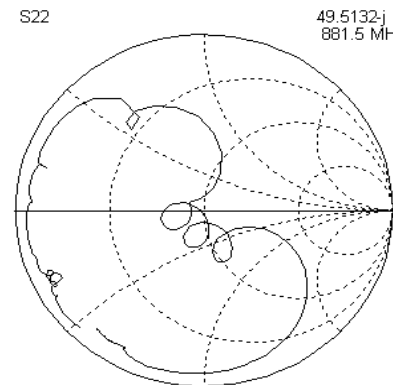
VSWR



Smith Chart



52.3119-j 16.1941
881.5 MHz



49.5132-j 15.4014
881.5 MHz

SAW PRODUCTS

COM DEV