

1855 MHz SAW Filter

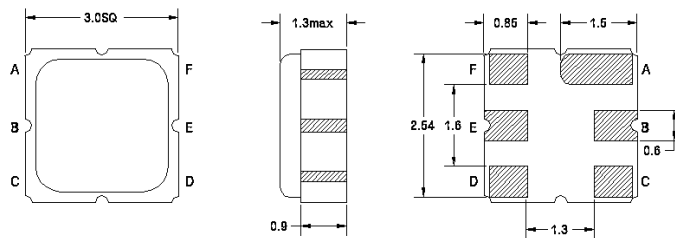
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Specifications

Parameter	Unit	Min	Typical	Max
Center Frequency (f_0)	MHz	-	1855	-
Insertion Loss within 1840 ~ 1870 MHz	dB	-	2.3	3.0
Source Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Load Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Operating Temperature Range	$^{\circ}\text{C}$	-30	-	+85
Amplitude Ripple within 1840 ~ 1870 MHz	dB _{p-p}	-	0.8	1.5
Attenuation:				
1440 ~ 1470 MHz	dB	35	43	-
1750 ~ 1780 MHz	dB	35	40	-
1930 ~ 1960 MHz	dB	40	45	-
2240 ~ 2270 MHz	dB	40	48	-
VSWR 1840 ~ 1870 MHz	-	-	1.6	2.0
Maximum DC Voltage	V	-	-	7.5
Maximum Input Power	dBm	-	-	15
Package type & size			M	
Length X Width	mm ²	-	3.0 X 3.0	-
Height	mm	-	-	1.3

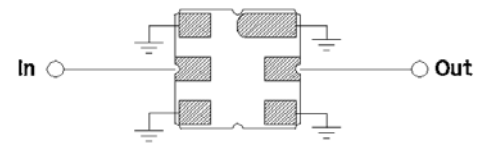
Notes: No Matching Network (Ref. Testing Environment Circuit as shown below).

Package Outline



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

Testing Environment



Source & Load Impedance 50 Ω

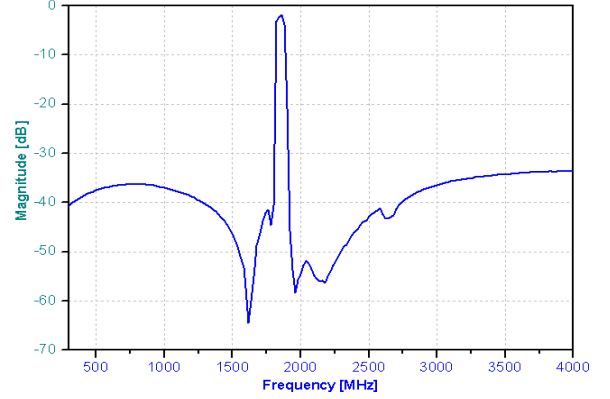
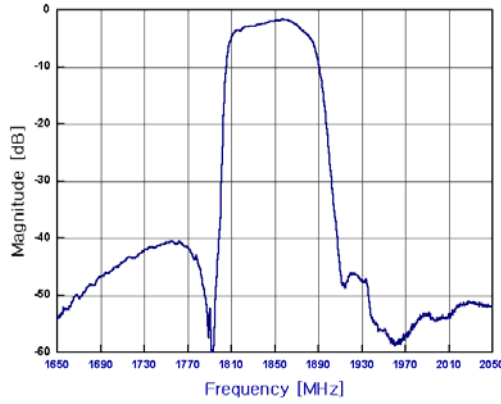
SAW PRODUCTS

COM DEV

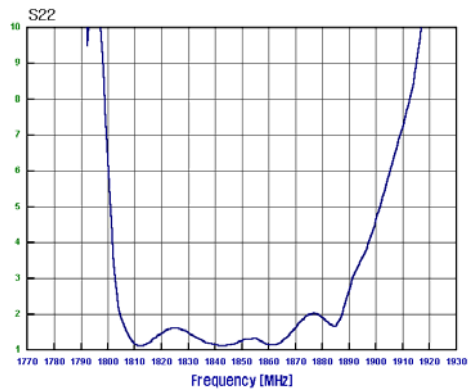
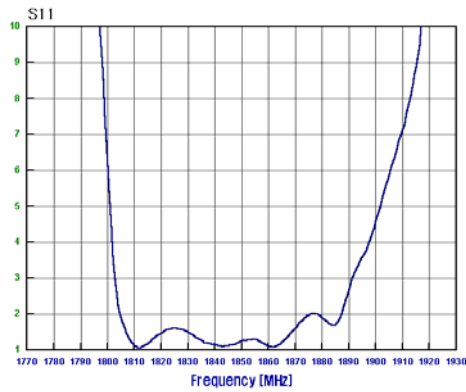
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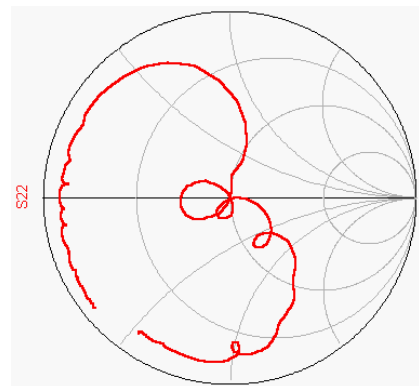
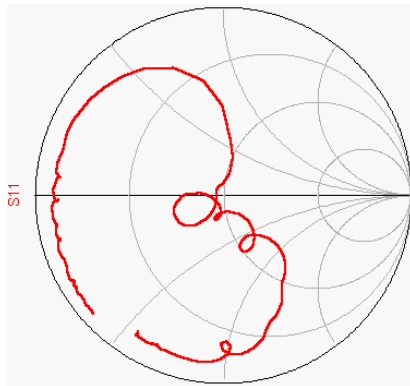
Frequency Response



VSWR



Smith Chart



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