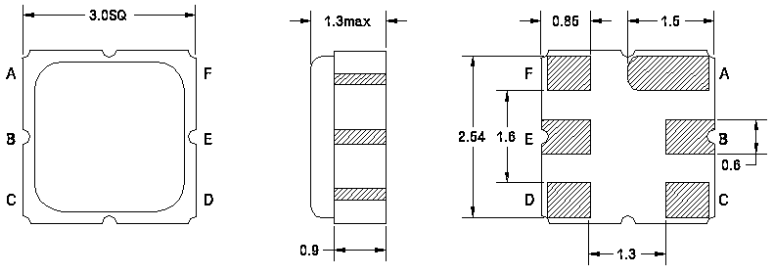
860.5 MHz Low-Loss RF SAW Filter 162964

Specifications

Parameter	Unit	Min	Typical	Max
Center Frequency	MHz	-	860.5	-
Insertion Loss within 851 ~ 870 MHz	dB	-	2.2	3.5
Source Impedance (single ended)(1)	Ω	-	50	-
Load Impedance (single ended)(1)	Ω	-	50	-
Operating Temperature Range	°C	-30	-	+70
Group Delay Ripple within 851 ~ 870 MHz	ns_{p-p}	-	15	40
Amplitude Ripple within 851 ~ 870 MHz	dB_{p-p}	-	0.6	1.5
VSWR within 851 ~ 870 MHz	-	-	1.6	2.0
Attenuation:				
D.C. ~ 806 MHz	dB	45	55	-
806 ~ 821 MHz	dB	40	47	-
896 ~ 902 MHz	dB	28	34	-
905.825 ~ 924.825 MHz	dB	27	39	-
960 ~ 979 MHz	dB	37	53	-
1070 ~ 1089 MHz	dB	47	51	-
1089 ~ 3000 MHz	dB	27	32	-
Maximum DC Voltage	V	-	-	5
Maximum Input Power	dBm	-	-	15
Package type & size			M	
Length X Width	mm^2	-	3.0 X 3.0	-
Height	mm	-	-	1.3

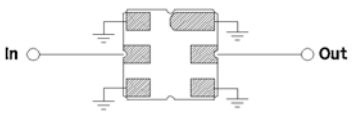
Notes: No Matching Network (Ref. Testing Environment Circuit as shown below).

Package Outline



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

Testing Environment



Source & Load Impedance 50Ω

155 Sheldon Drive Cambridge, ON Canada N1R 7H6
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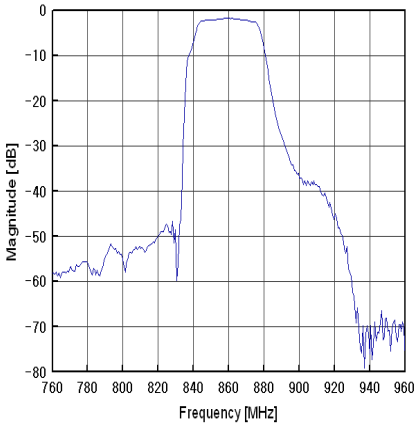
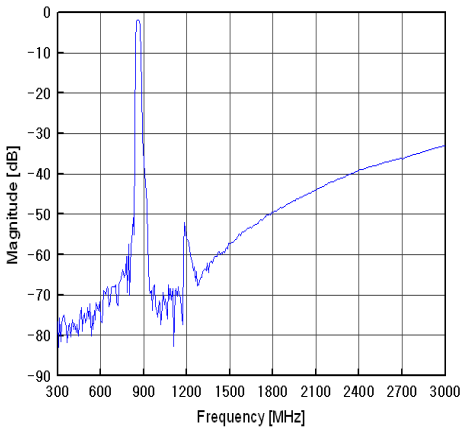
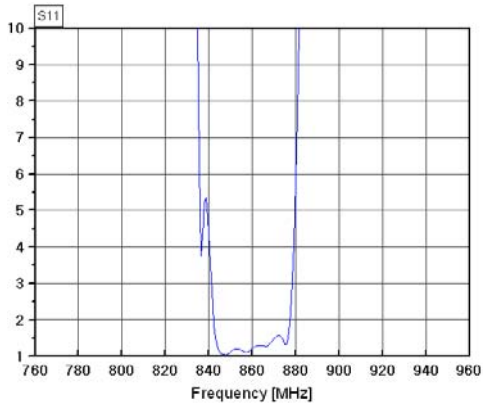
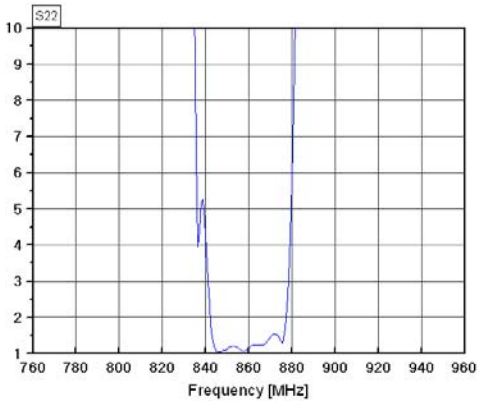
Frequency Response



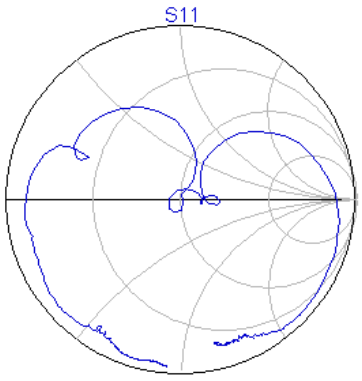


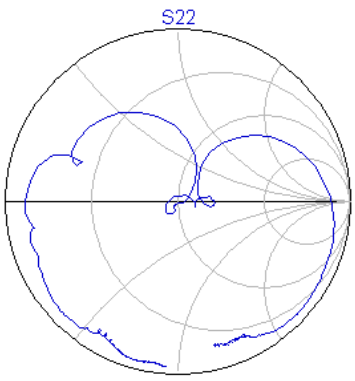
VSWR





Smith Chart





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