

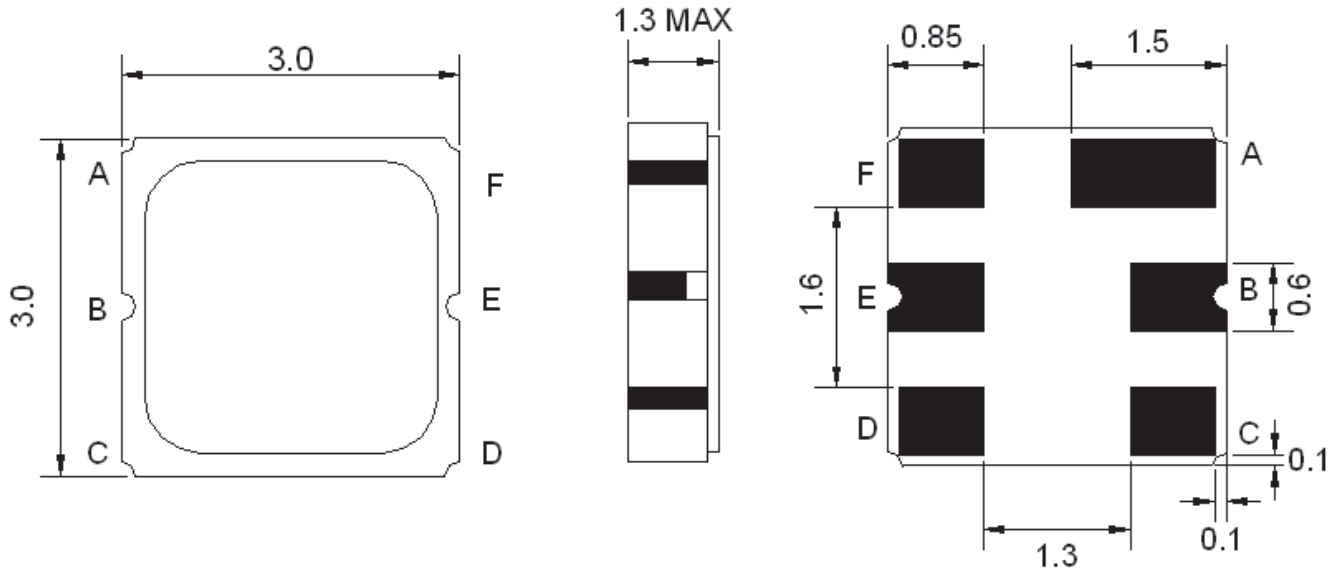


Parameters Description	Unit	Minimum	Typical	Maximum
Center Frequency (Fo)	MHz	-	813.5	-
Insertion Loss in 806.0 ~ 821.0 MHz	dB	-	2.9	3.5
Group Delay Ripple in 806.0 ~ 821.0 MHz	dB _{p-p}	-	0.6	1.5
VSWR in 806.0 ~ 821.0 MHz	nsec	-	20.0	40.0
Attenuation:				
851.0 ~ 866.0 MHz	dB	40	50	-
935.0 ~ 940.0 MHz	dB	35	40	-
960.55 ~ 979.65 MHz	dB	35	41	-
1115.0 ~ 11134.30 MHz	dB	37	42	-
1269.95 ~ 1288.95 MHz	dB	40	51	-
1612.0 ~ 1650.0 MHz	dB	35	43	-
1650.0 ~ 2600.0 MHz	dB	25	30	-

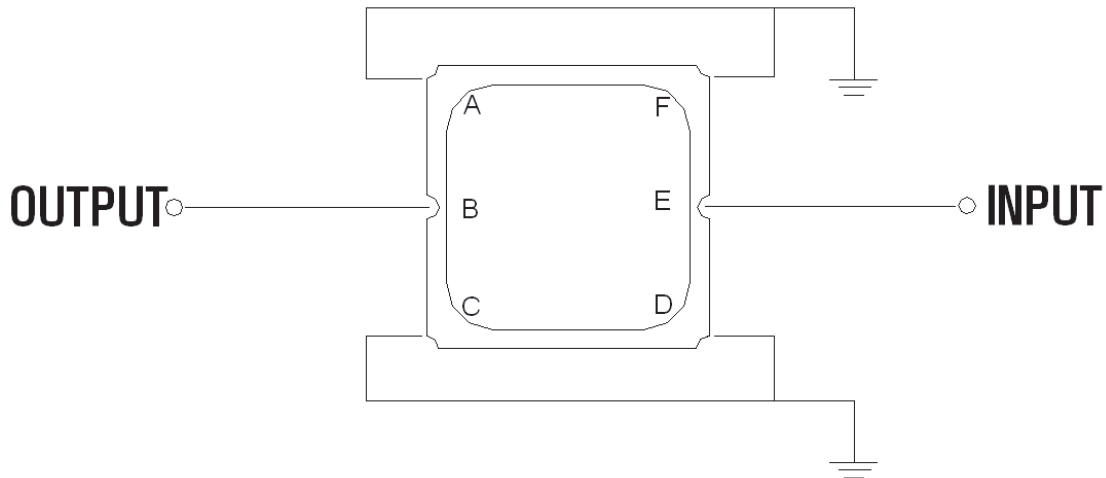
Parameters Description	Unit	Minimum	Typical	Maximum
Operation Temperature Range	°C	-30	-	+70
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	5
Maximum Input Power	dBm	-	-	20
Source Impedance (Single Ended) ₁	Ω	-	50	-
Load Impedance (Single Ended) ₁	Ω	-	50	-
Package Size and Type	3.0 x 3.0 x 1.3 mm M			



Outline Drawing:



Testing Environment:



Source/Load Impedance: 50 Ω

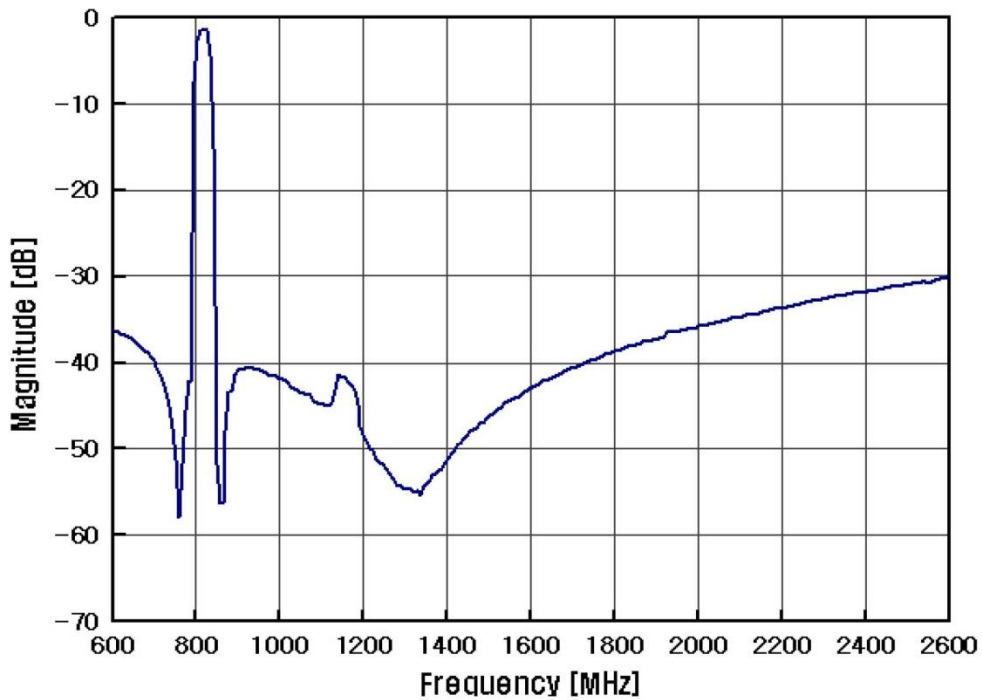
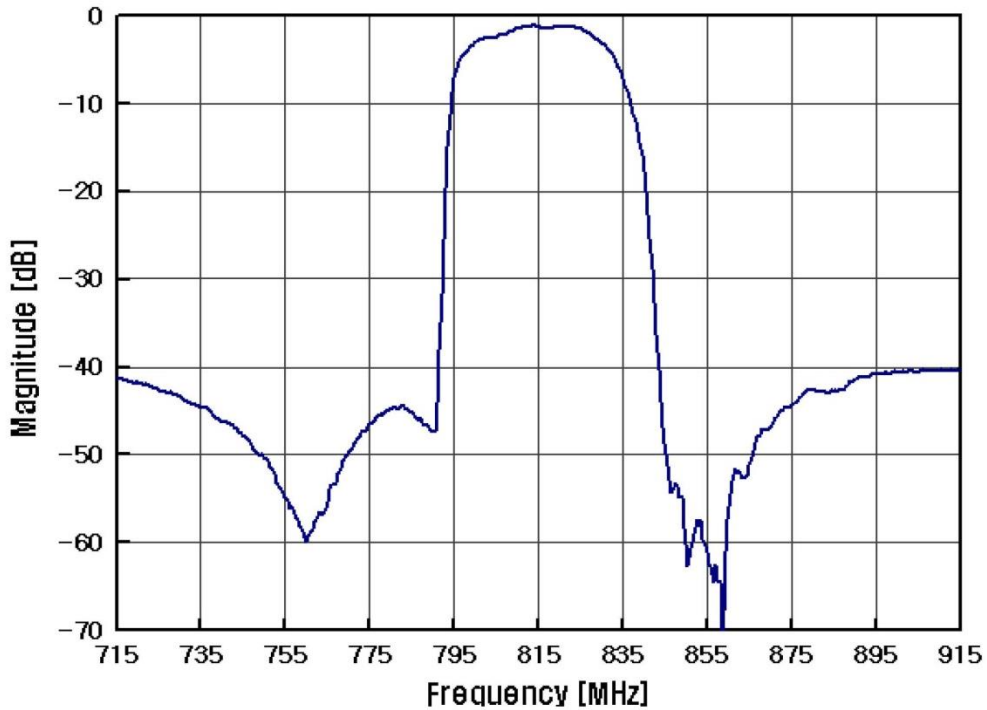


815 MHz Wireless, RF Saw Filter

Part Number: AM815S510

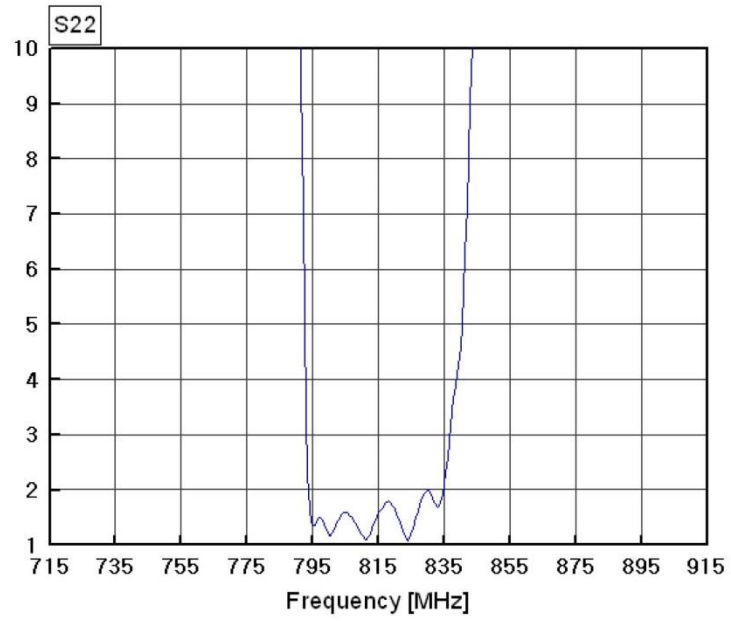
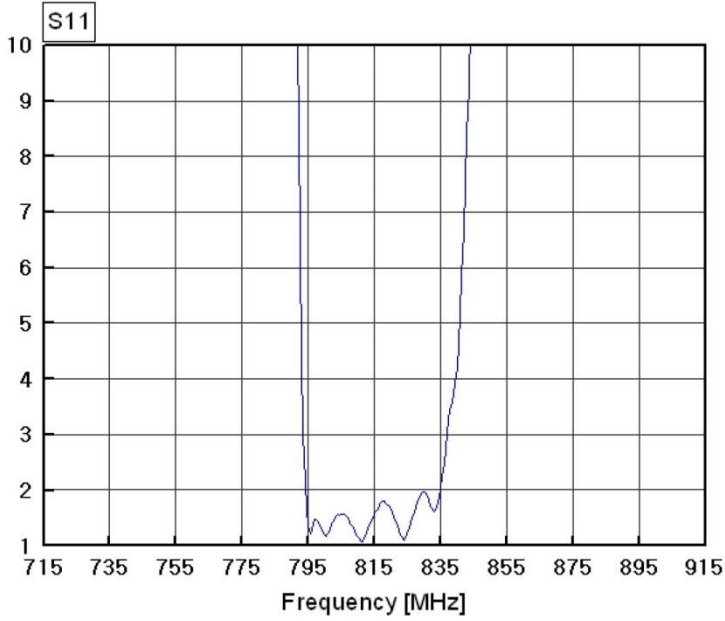


Response Plot:





VSWR



Smith Chart

