



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

746 MHz Wireless, RF Saw Filter

Part Number: AM746S505

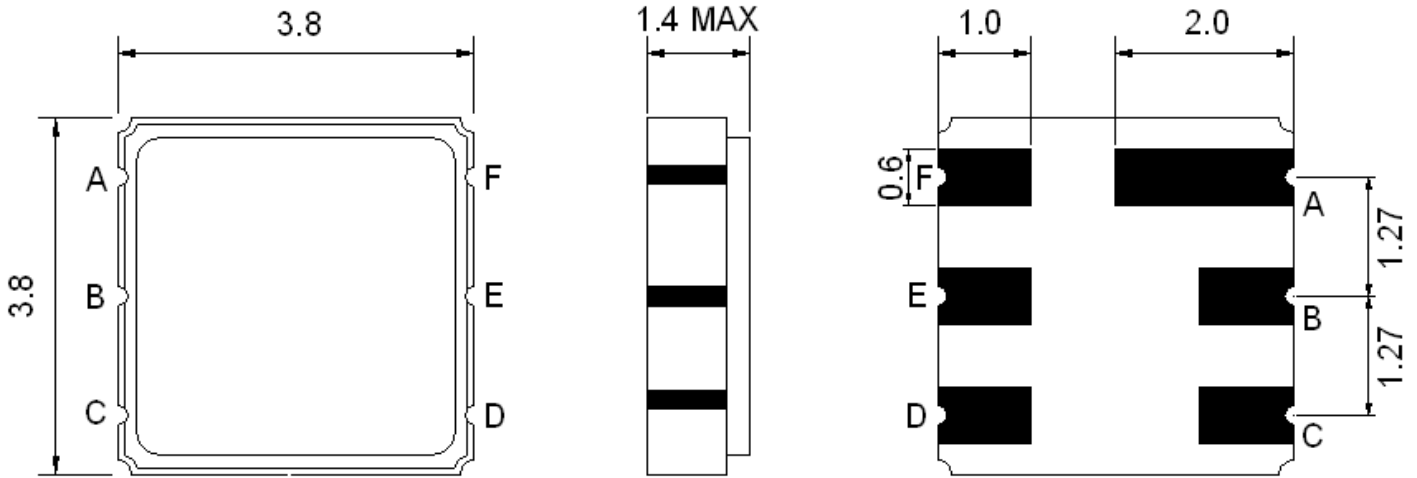


Parameters Description	Unit	Minimum	Typical	Maximum
Center Frequency (Fo)	MHz	-	746.0	-
Insertion Loss in 740 ~ 752 MHz	dB	-	2.0	3.0
Amplitude Ripple in 740 ~ 752 MHz	dB _{p-p}	-	0.5	1.5
Group Delay Variation in 740 ~ 752 MHz	nsec	-	15	-
Absolute Group Delay at Fo	µsec	-	45	-
VSWR in 740 ~ 752 MHz	-	-	1.5	2.5
Attenuation:				
~ Fo – 40.0 MHz	dB	45	55	-
Fo + 60.0 MHz ~	dB	45	55	-

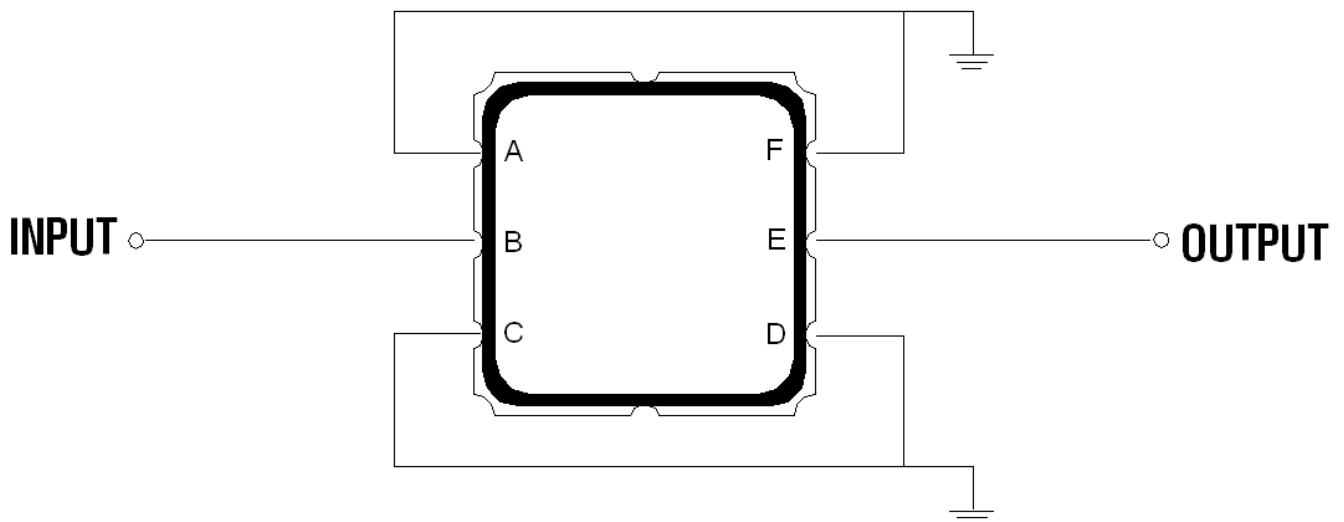
Parameters Description	Unit	Minimum	Typical	Maximum
Operation Temperature Range	°C	-10	-	+60
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	0
Maximum Input Power	dBm	-	-	0
Source Impedance (Single Ended) ₁	Ω	-	50	-
Load Impedance (Single Ended) ₁	Ω	-	50	-
Package Size and Type	3.8 x 3.8 x 1.4 mm		P	



Outline Drawing:



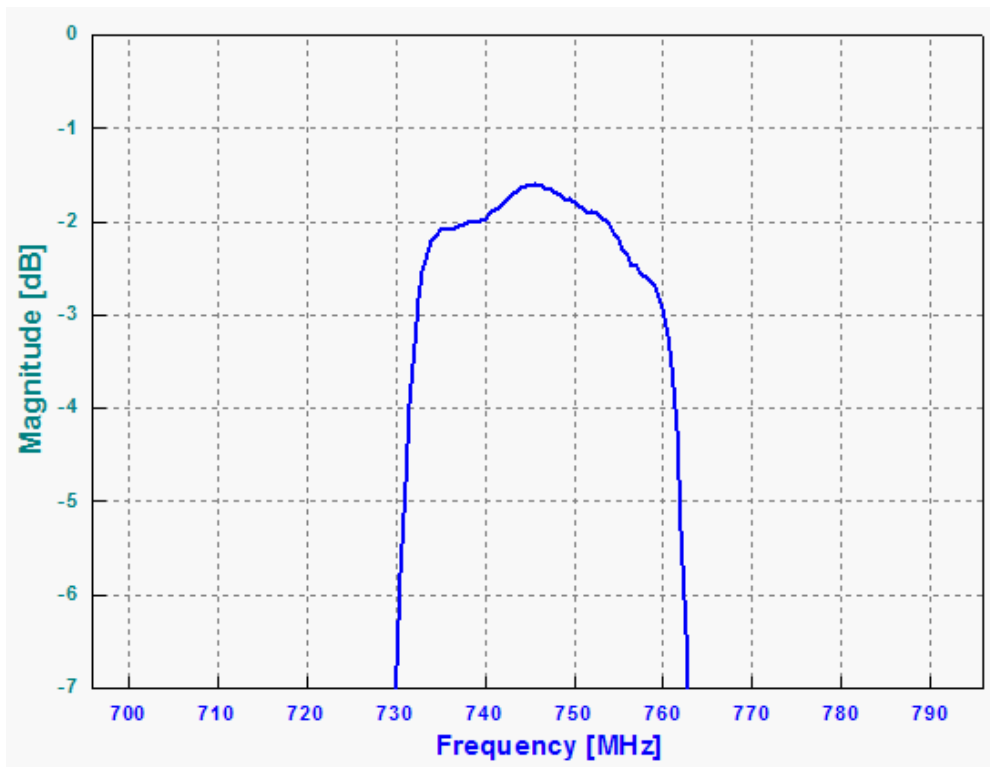
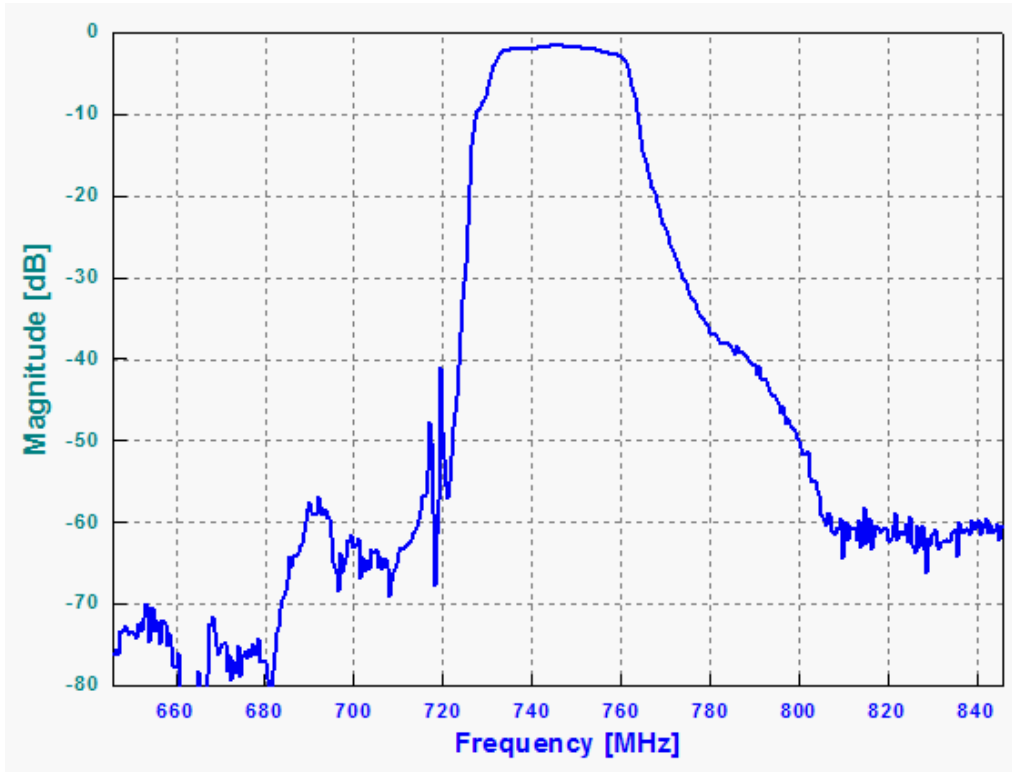
Testing Environment:



Source/Load Impedance = 50 Ω

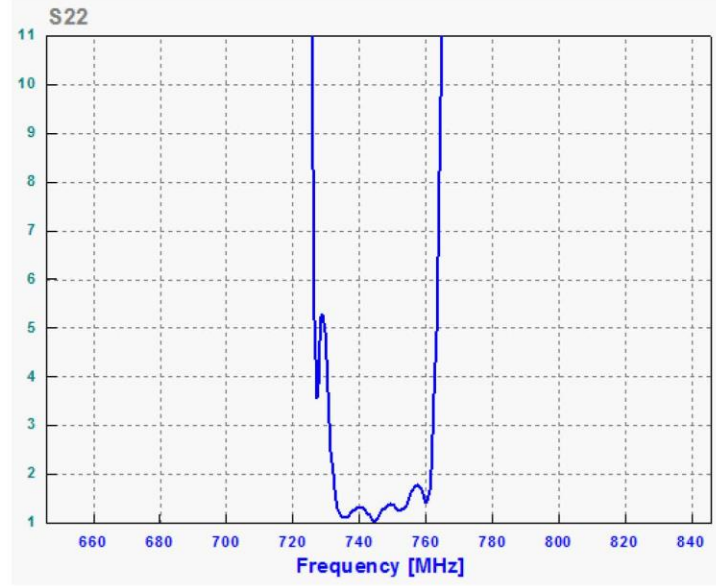
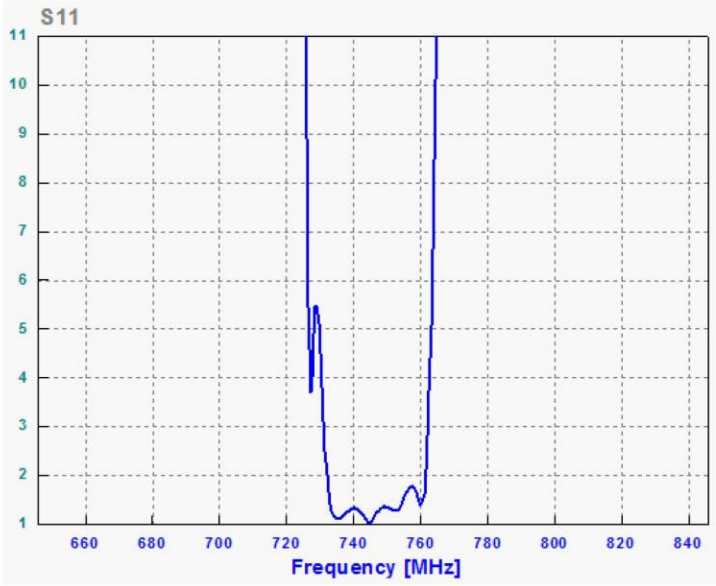


Response Plot:





VSWR



Smith Chart

