



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

770 MHz Wireless, RF Saw Filter

Part Number: AM770S284

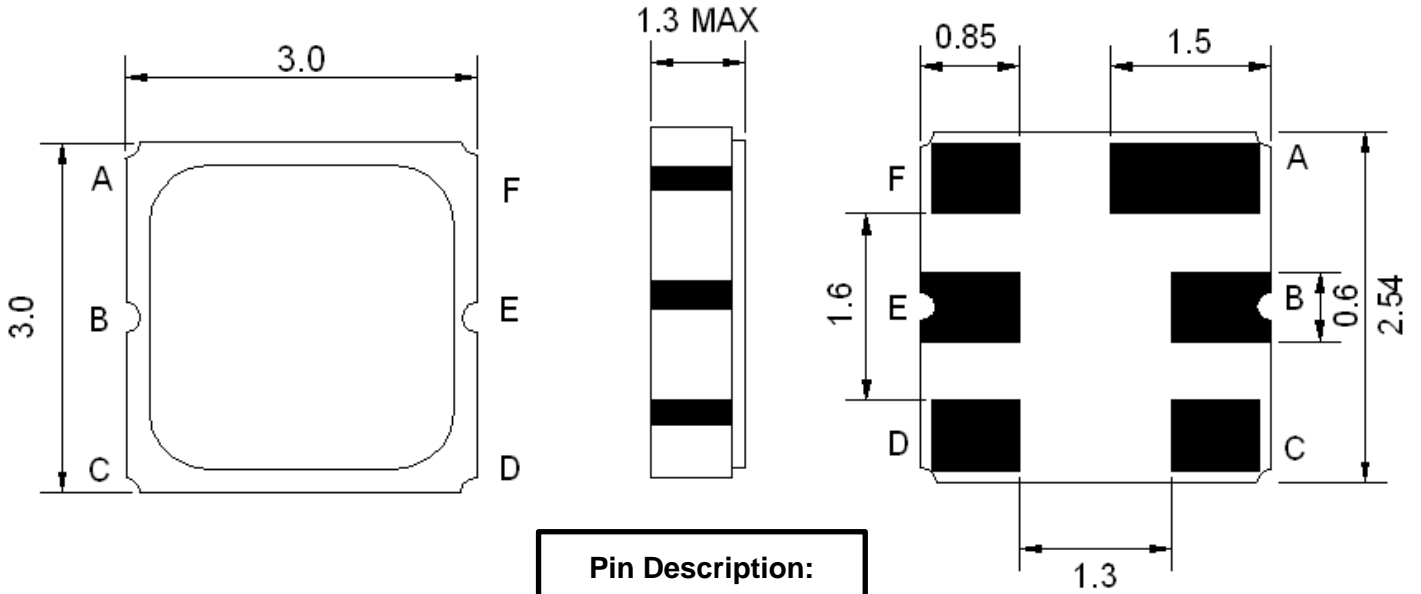


Parameters Description	Unit	Minimum	Typical	Maximum
Center Frequency (Fo)	MHz	-	770	-
Insertion Loss in 760 ~ 780 MHz	dB	-	2.2	3.0
Amplitude Ripple in 760 ~ 780 MHz	dB _{p-p}	-	0.7	1.5
VSWR in 760 ~ 780 MHz	-	-	1.45	2.0
Attenuation:				
560.0 ~ 730.0 MHz	dB	50	58	-
824.0 ~ 849.0 MHz	dB	38	45	-
849.0 ~ 970.0 MHz	dB	50	58	-

Parameters Description	Unit	Minimum	Typical	Maximum
Operation Temperature Range	°C	-30	-	+65
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	5
Maximum Input Power	dBm	-	-	15
Source Impedance (Single Ended) ₁	Ω	-	50	-
Load Impedance (Single Ended) ₁	Ω	-	50	-
Package Size	3.0 x 3.0 x 1.3 mm			

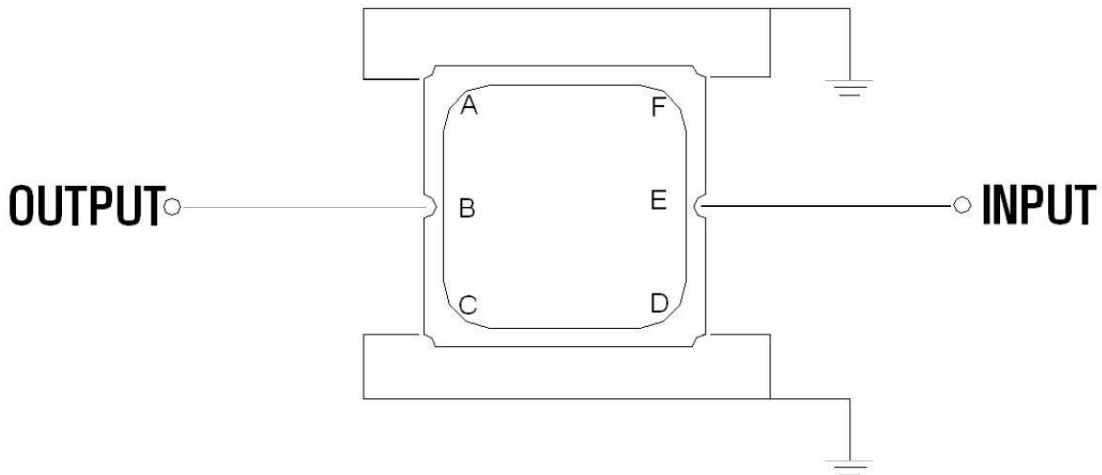


Outline Drawing:



Pin Description:
 Ground – A C D F
 Input – E
 Out – B

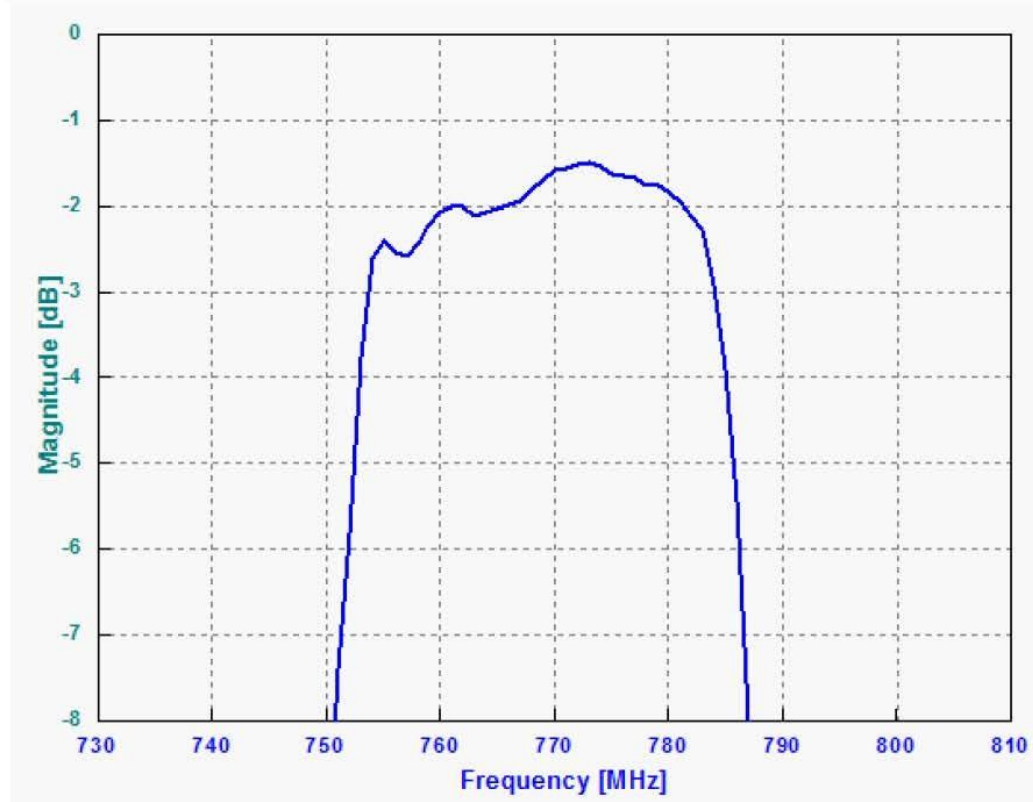
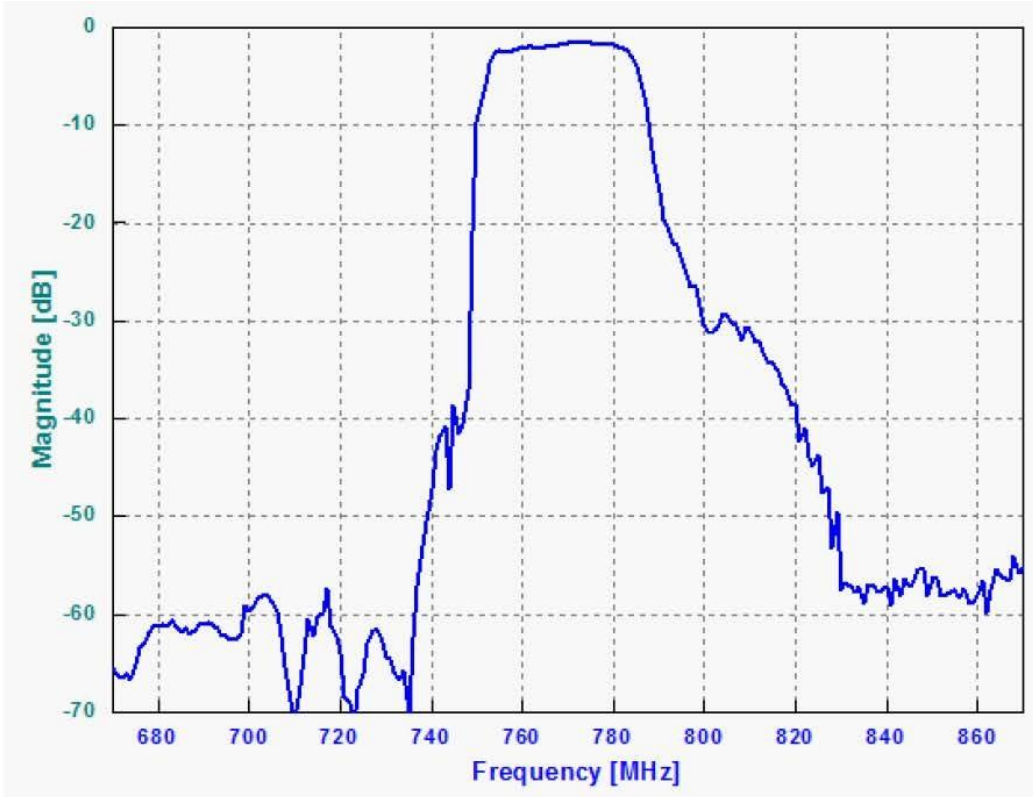
Testing Environment:



Source & Load Impedance: 50 Ω



Response Plot:





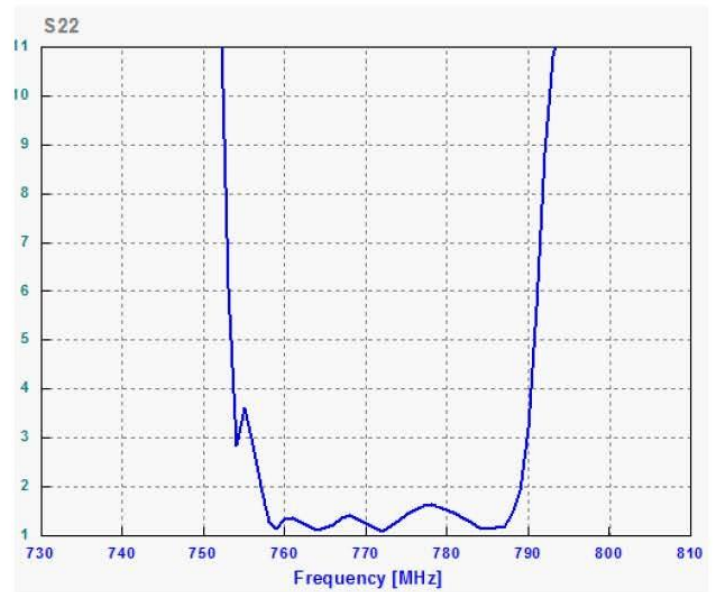
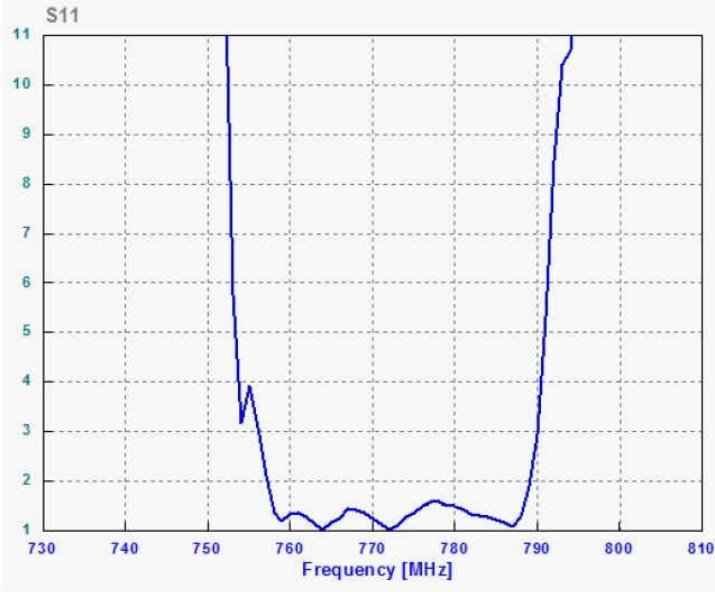
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VSWR



Smith Chart

