



**ANATECH ELECTRONICS INC**  
RF & Microwave Filters & Products

## 751 MHz Wireless, RF Saw Filter

**Part Number: AM751S826**

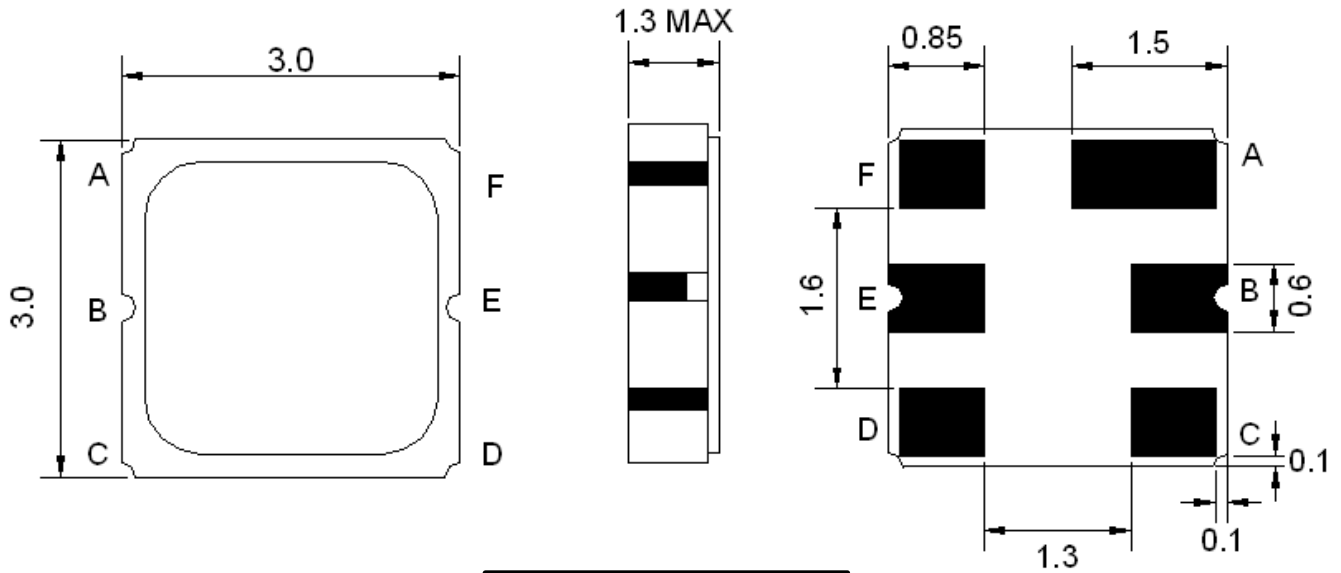


Parameters Description	Unit	Minimum	Typical	Maximum
Center Frequency (Fo)	MHz	-	751.0	-
Insertion Loss in 746 ~ 756 MHz	dB	-	1.7	2.5
Amplitude Ripple in 746 ~ 756 MHz	dB <sub>p-p</sub>	-	0.7	1.5
VSWR in 746 ~ 756 MHz	-	-	1.8	2.3
<b>Attenuation:</b>				
1.0 ~ 728.0 MHz	dB	32	35	-
777.0 ~ 787.0 MHz	dB	42	47	-
787.0 ~ 1920.0 MHz	dB	32	36	-

Parameters Description	Unit	Minimum	Typical	Maximum
Operation Temperature Range	°C	-30	-	+85
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	0
Maximum Input Power	dBm	-	-	25
Source Impedance (Single Ended) <sub>1</sub>	Ω	-	50	-
Load Impedance (Single Ended) <sub>1</sub>	Ω	-	50	-
Package Size and Type	3.0 x 3.0 x 1.3 mm		M	

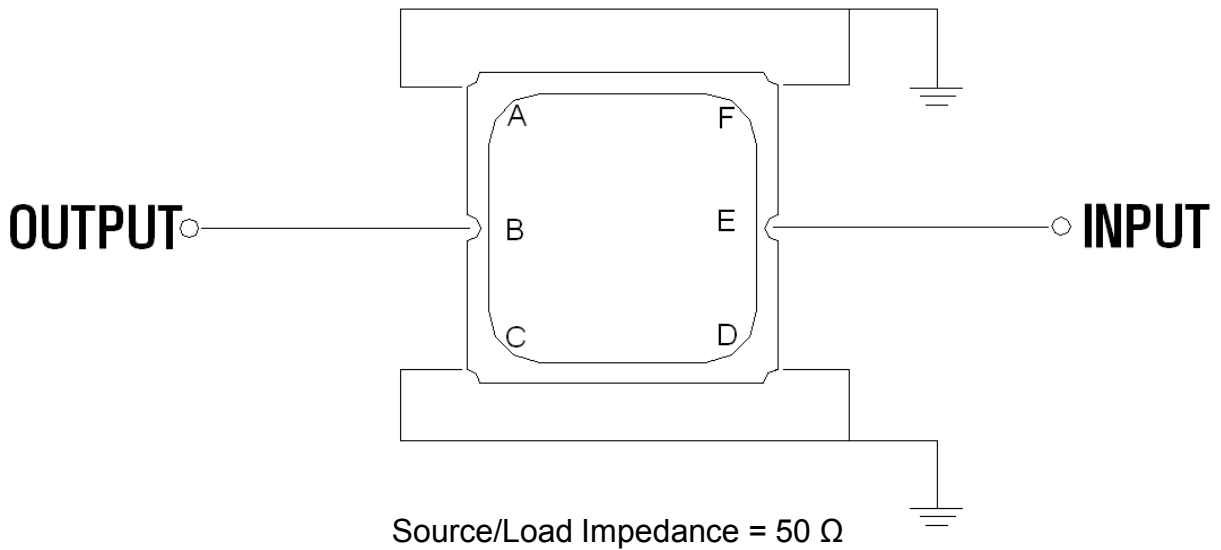


### Outline Drawing:



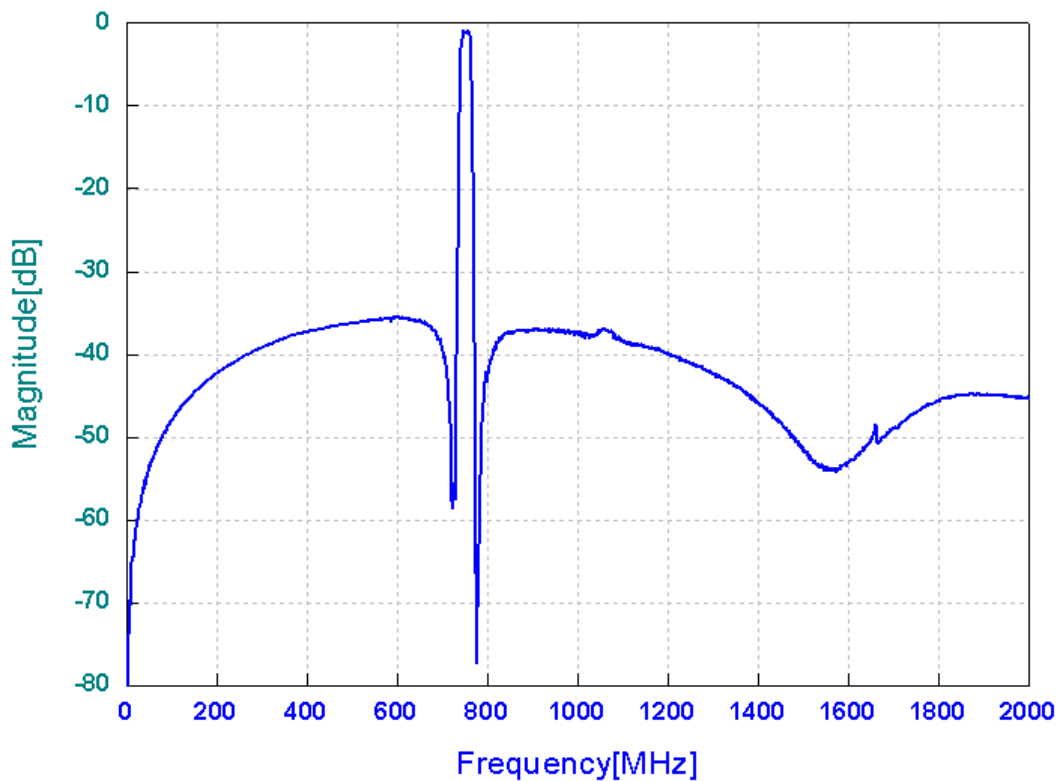
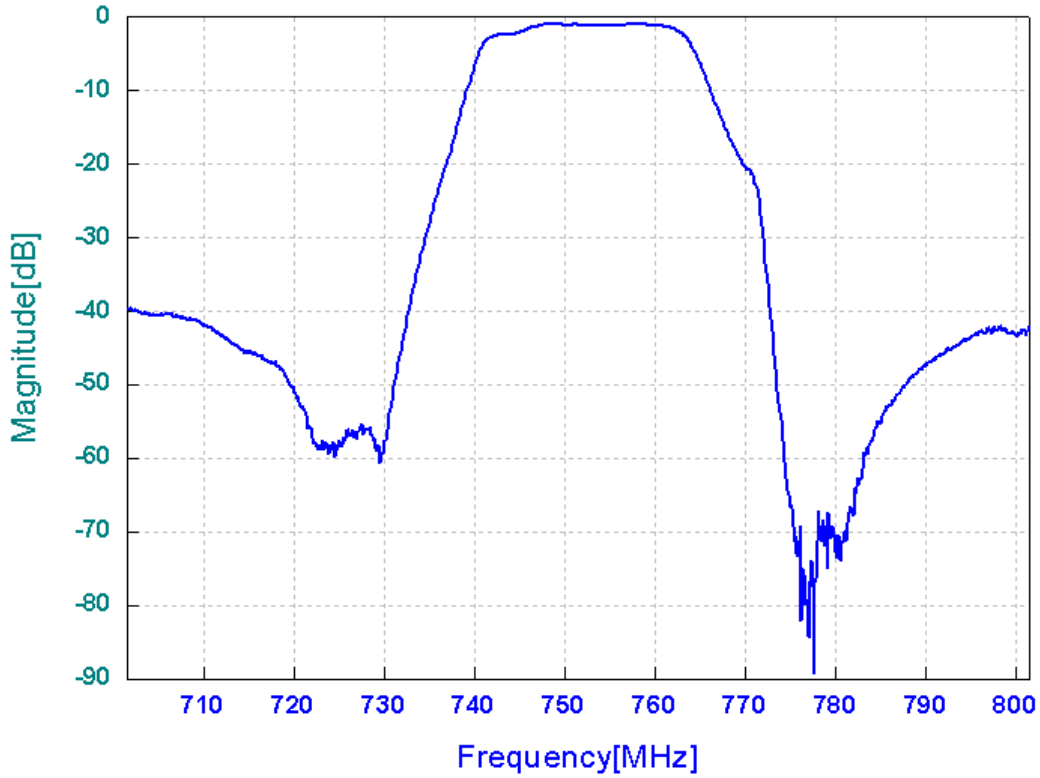
**Pin Description:**  
 Ground – A C D F  
 Input – E  
 Output – B

### Testing Environment:



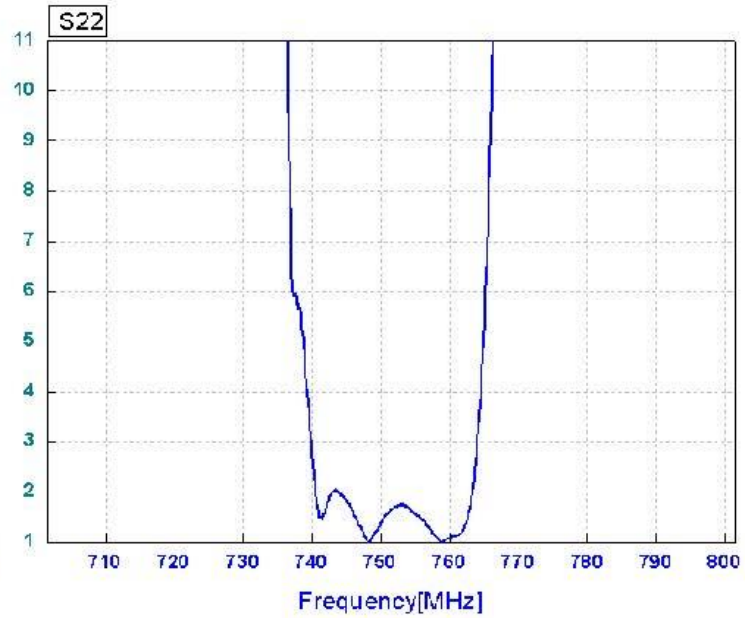
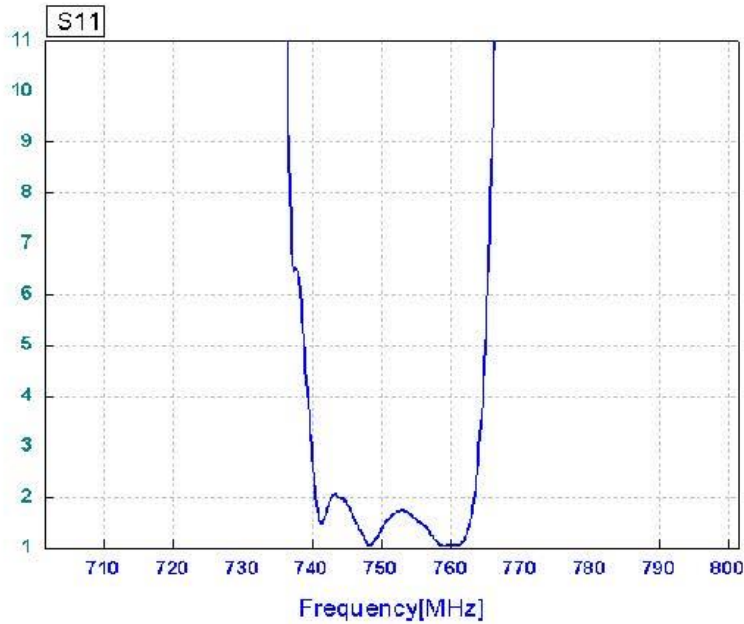


### Response Plot:





### VSWR



### Smith Chart

