



782 MHz RF Saw Filter

Part Number: AM782S825



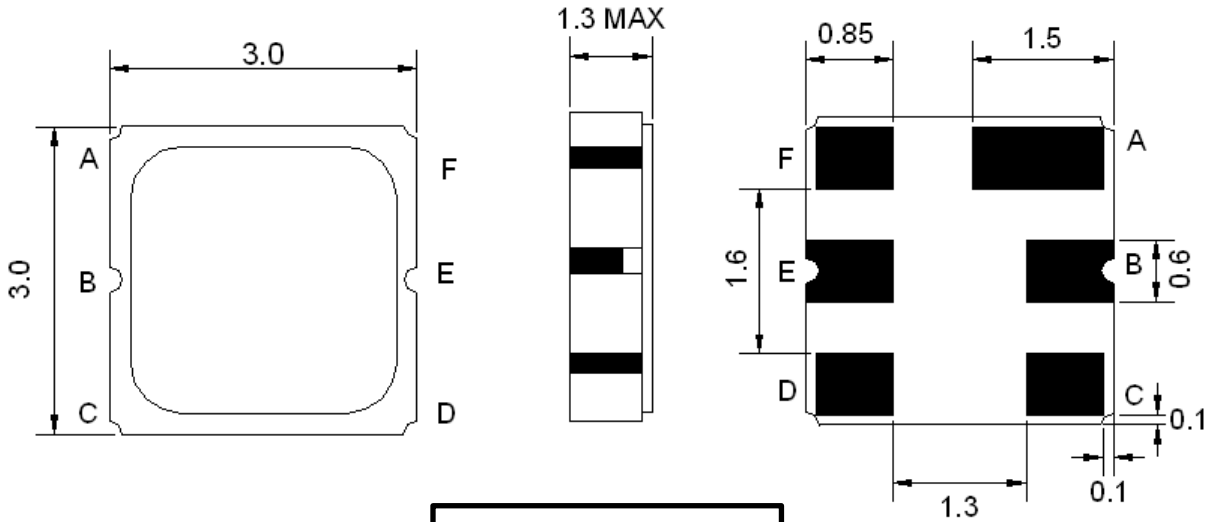
Parameters Description	Unit	Minimum	Typical	Maximum
Center Frequency (Fo)	MHz	-	782.0	-
Insertion Loss in 777 ~ 787 MHz	dB	-	1.7	2.7
Amplitude Ripple in 777 ~ 787 MHz	dB _{p-p}	-	0.6	1.0
VSWR in 777 ~ 787 MHz	-	-	1.7	2.3
Attenuation:				
0.3 ~ 747 MHz	dB	40	45	-
747 ~ 757 MHz	dB	35	43	-
869 ~ 894 MHz	dB	40	48	-
894 ~ 2000 MHz	dB	30	37	-
2000 ~ 3000 MHz	dB	25	35	-

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	-	-	15
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			

Notes: (1) No Matching Network (Ref. Testing Environment Circuit as shown below)

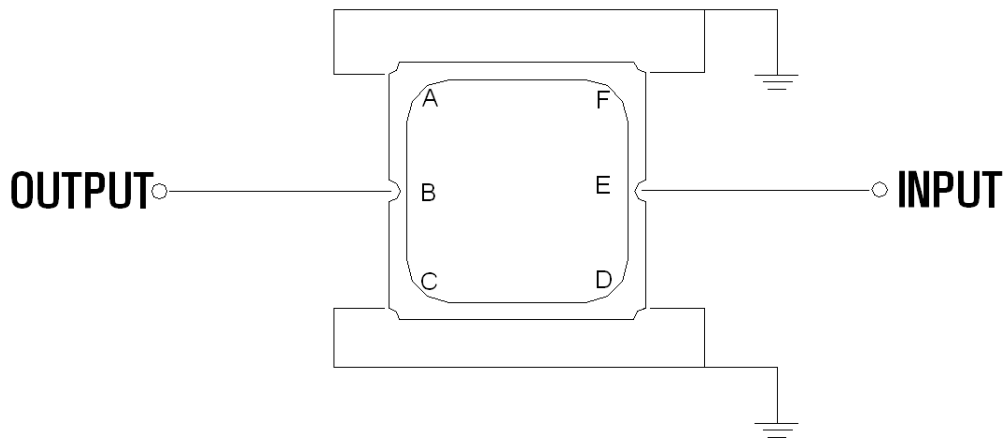


Outline Drawing:



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

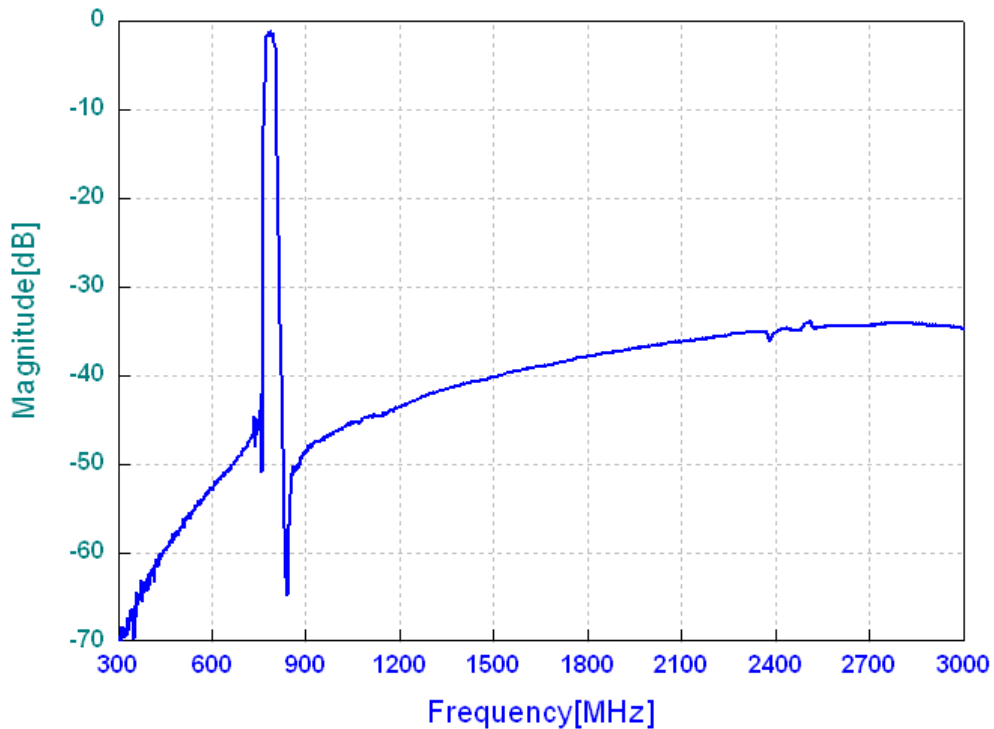
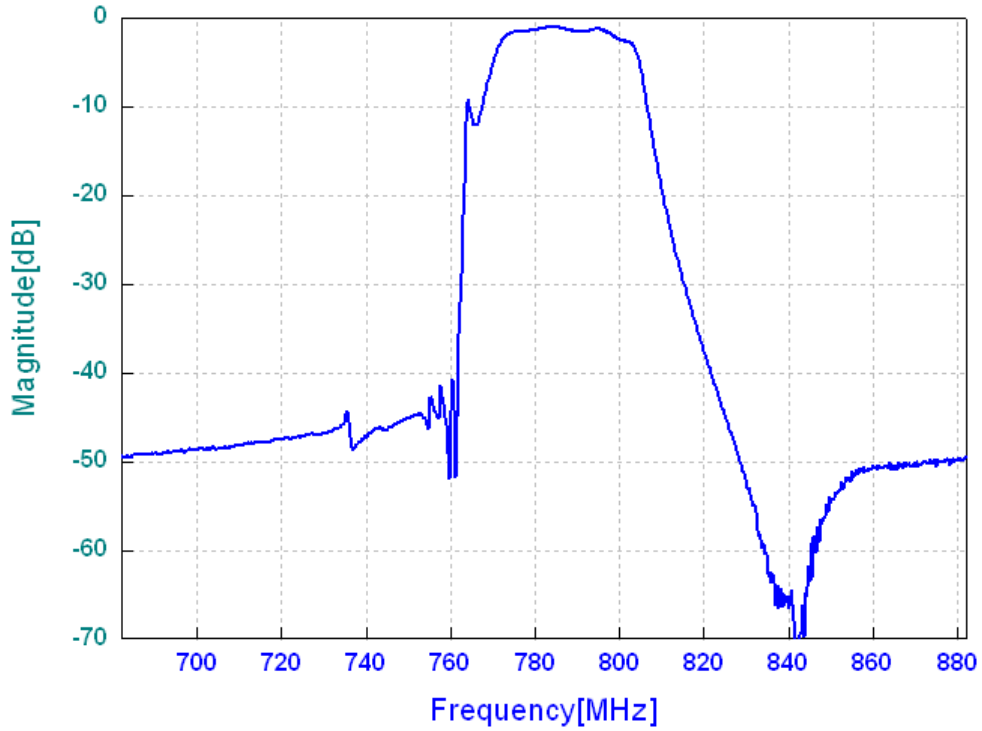
Testing Environment:



Source/Load Impedance – 50 Ω

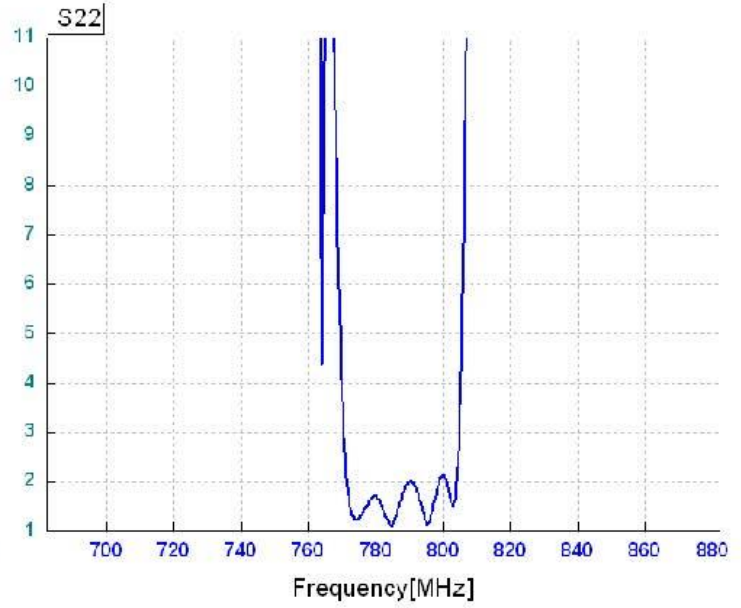
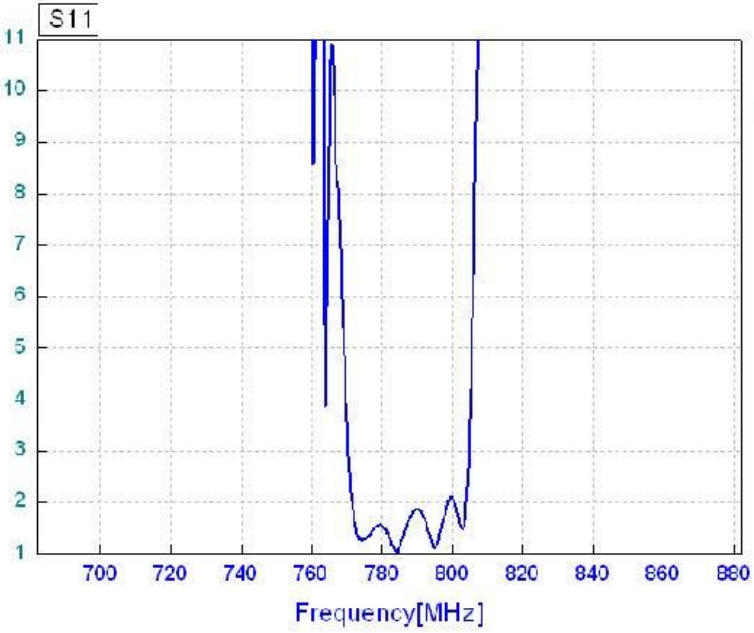


Response Plot:





VSWR:



Smith Chart:

