



Parameters Description	Unit	Minimum	Typical	Maximum
Center Frequency (Fo)	MHz	-	465.0	-
Insertion Loss in 462.5 ~ 467.5 MHz	dB	-	2.7	3.5
VSWR in 462.5 ~ 467.5 MHz	-	-	1.7	2.0
Attenuation:				
0.3 ~ 452.5 MHz	dB	25	27	-
452.5 ~ 457.5 MHz	dB	35	48	-
485.0 ~ 507.5 MHz	dB	30	33	-
507.5 ~ 1000.0 MHz	dB	25	30	-
1000.0 ~ 1300.0 MHz	dB	30	35	-
1300.0 ~ 2000.0 MHz	dB	25	31	-

Parameters Description	Unit	Minimum	Typical	Maximum
Operation Temperature Range	°C	-30	-	+80
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	0
Maximum Input Power	dBm	-	-	27
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	

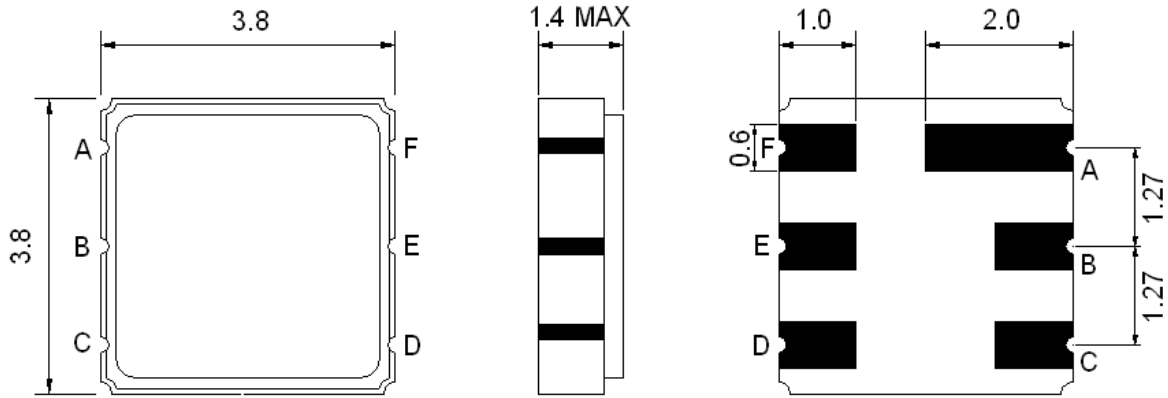


465 MHz Saw Filter

Part Number: AM465S146



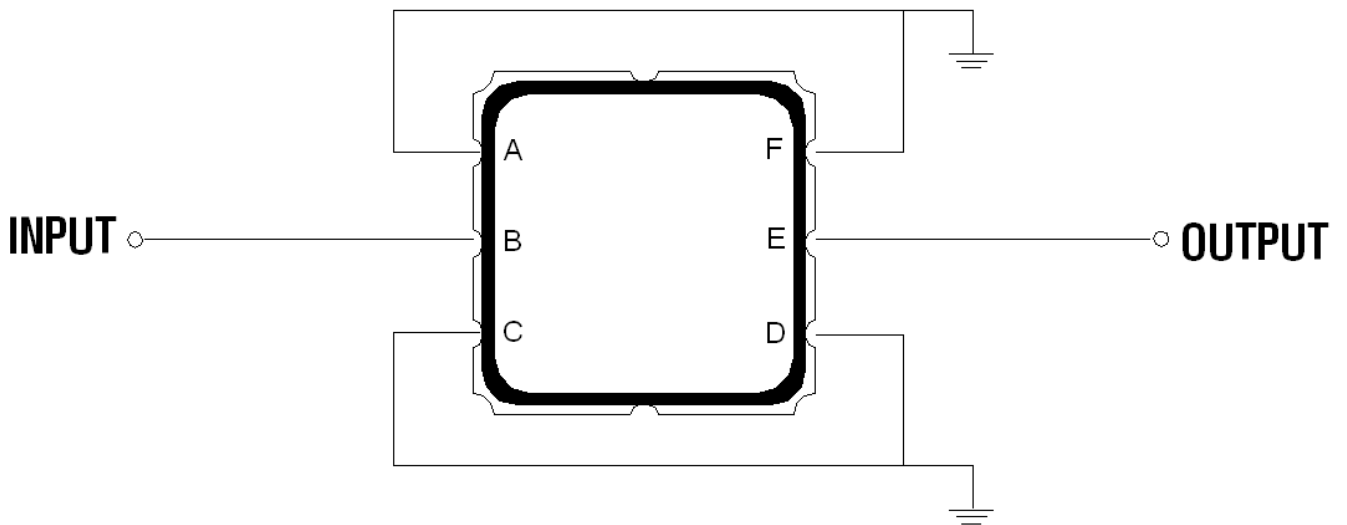
Outline Drawing:



Pin Description:

Ground – A C D F
Input – B
Output – E

Testing Environment:



Source/Load Impedance: 50 Ω

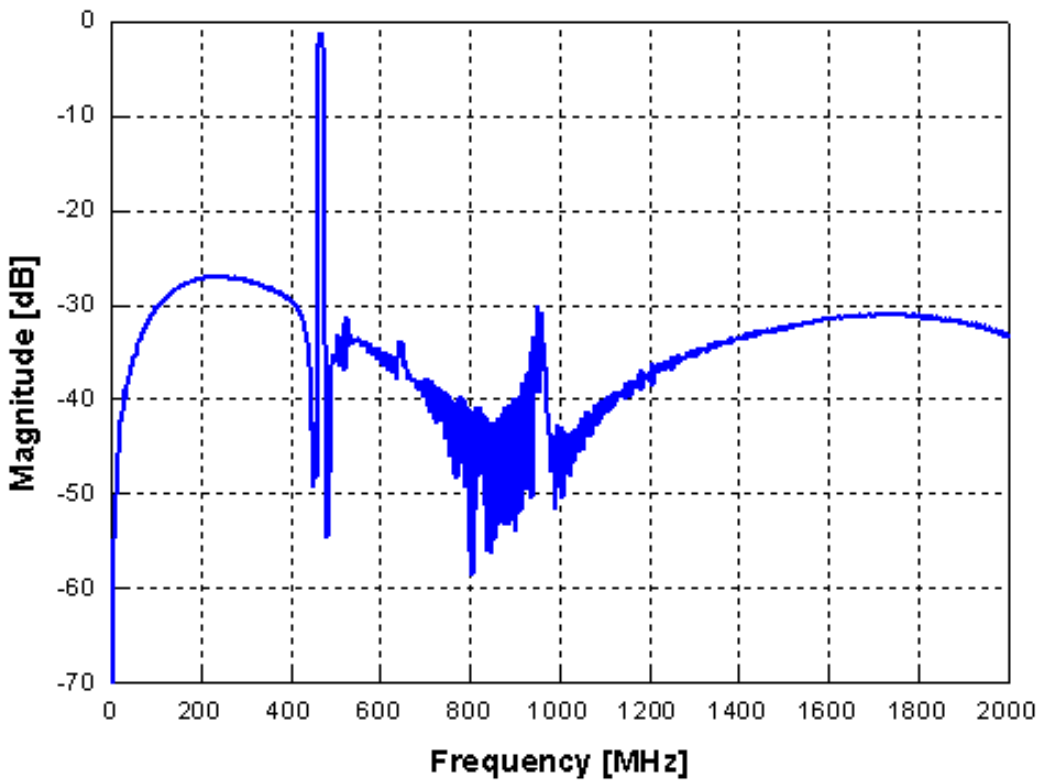
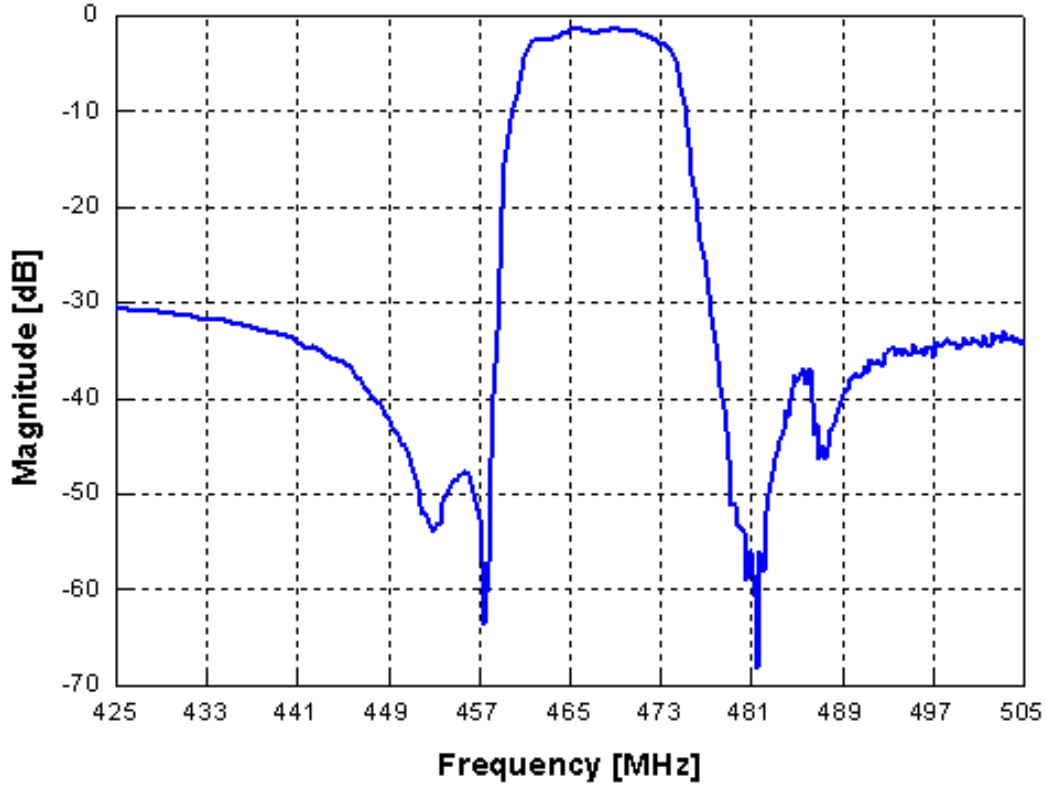


465 MHz Saw Filter

Part Number: AM465S146

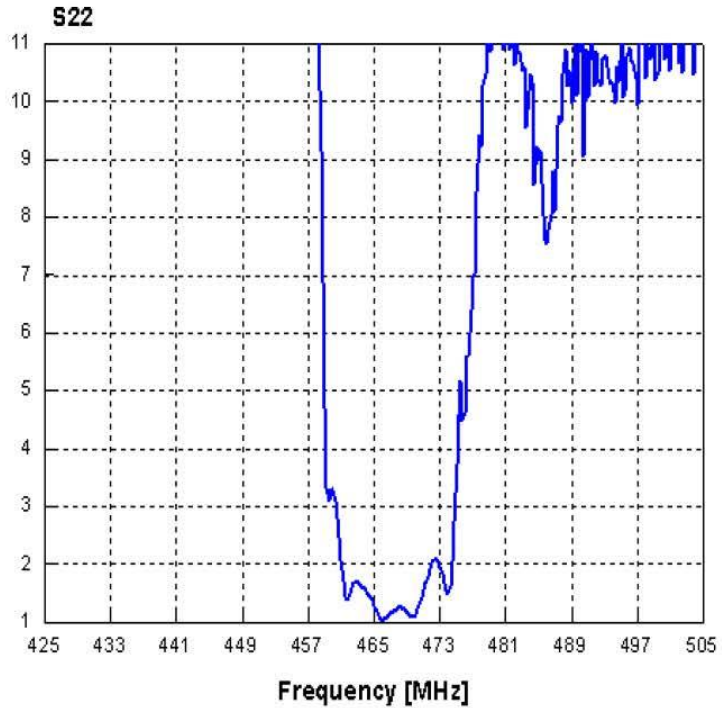
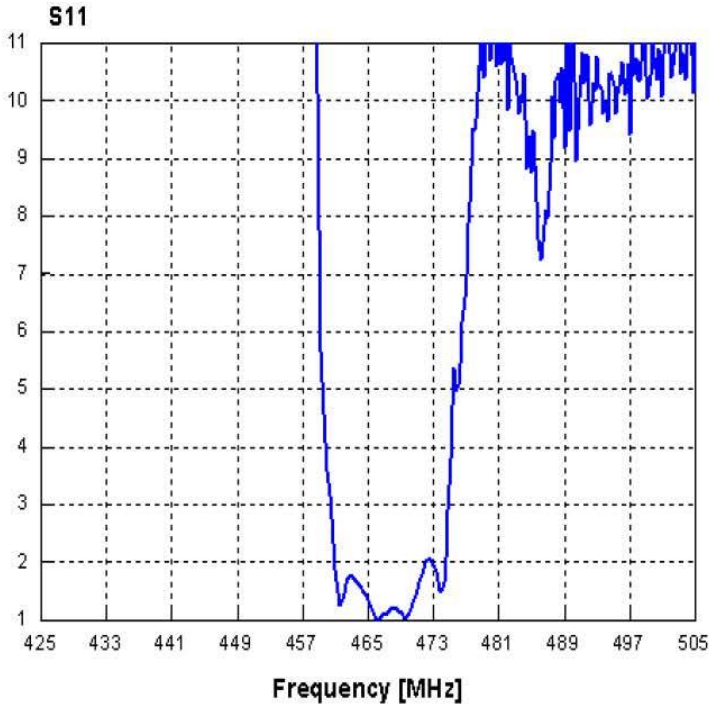


Response Plot:



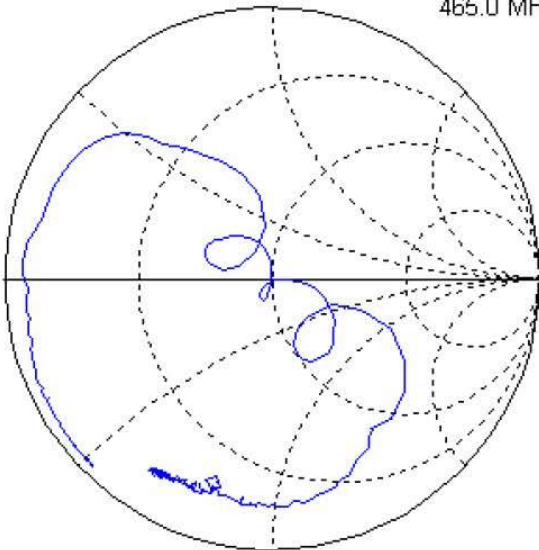


VSWR:



Smith Chart:

S11 $43.2246 + j11.8584$
465.0 MHz



S22 $44.7564 + j11.4284$
465.0 MHz

