



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

## 422 MHz CDMA 450 L-Band RF-Rx Saw Filter

**Part Number: AM422S452**

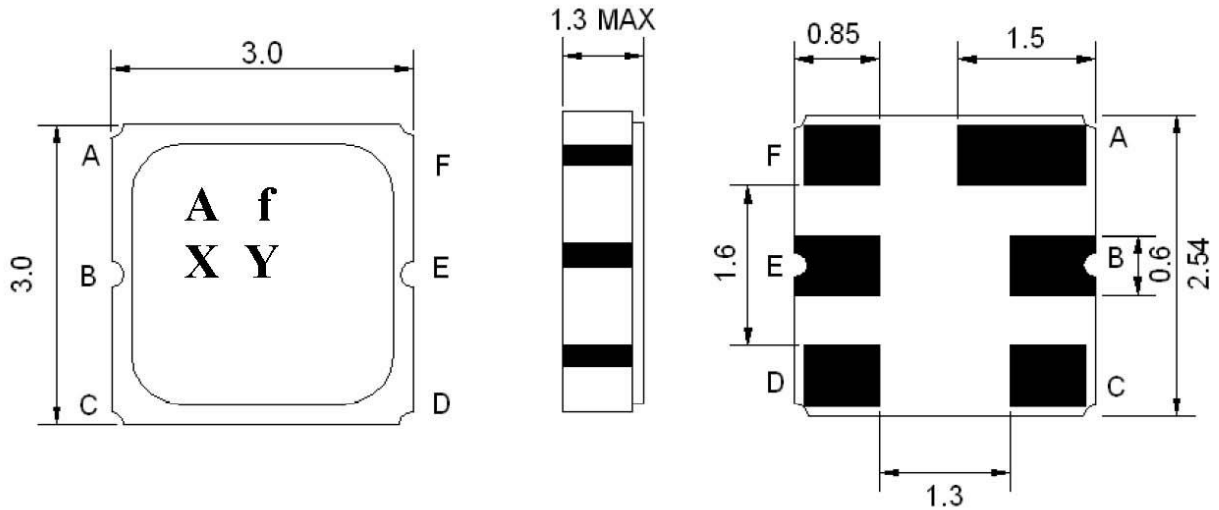


Parameters Description	Unit	Minimum	Typical	Maximum
Center Frequency (Fo)	MHz	-	422.25	-
Insertion Loss within 420.0 ~ 424.5 MHz	dB	-	3.2	3.5
VSWR within 420.0 ~ 424.5 MHz	-	-	2.0	2.4
<b>Attenuation:</b>				
0.3 ~ 410.0 MHz	dB	37	47	-
410.0 ~ 414.5 MHz	dB	35	49	-
445.0 ~ 600.0 MHz	dB	40	48	-
600.0 ~ 1200.0 MHz	dB	40	47	-
1200.0 ~ 2000.0 MHz	dB	30	40	-

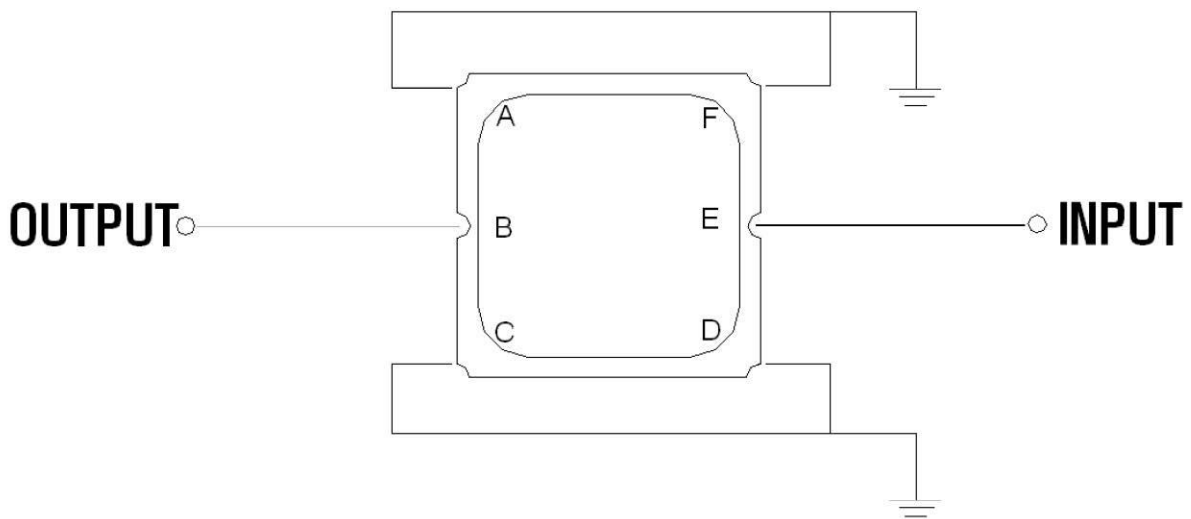
Parameters Description	Unit	Minimum	Typical	Maximum
Operation Temperature Range	°C	-30	-	+80
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	0
Maximum Input Power	dBm	-	-	27
Source Impedance (Single Ended) <sub>1</sub>	Ω	-	50	-
Load Impedance (Single Ended) <sub>1</sub>	Ω	-	50	-
Package Size and Type	3.0 x 3.0 x 1.3 mm		M	



**Outline Drawing:**



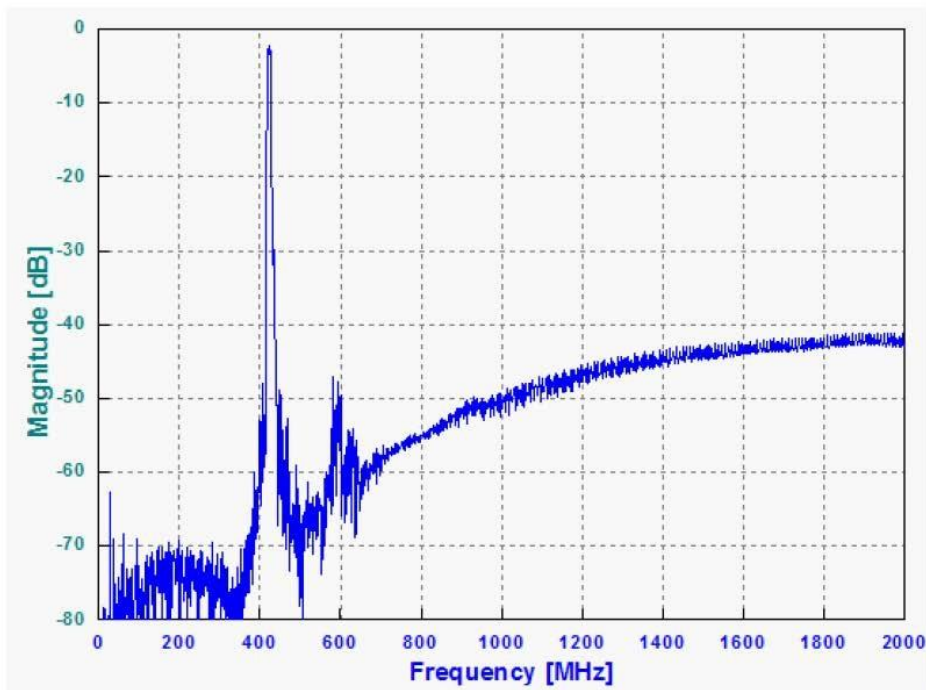
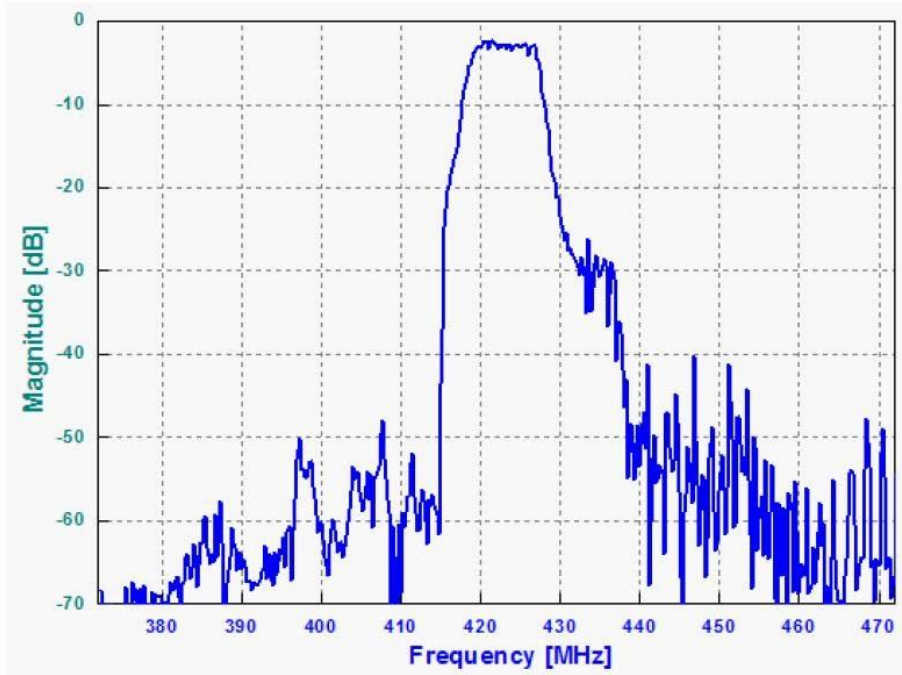
**Testing Environment:**



Source/Load Impedance = 50  $\Omega$



**Response Plot:**





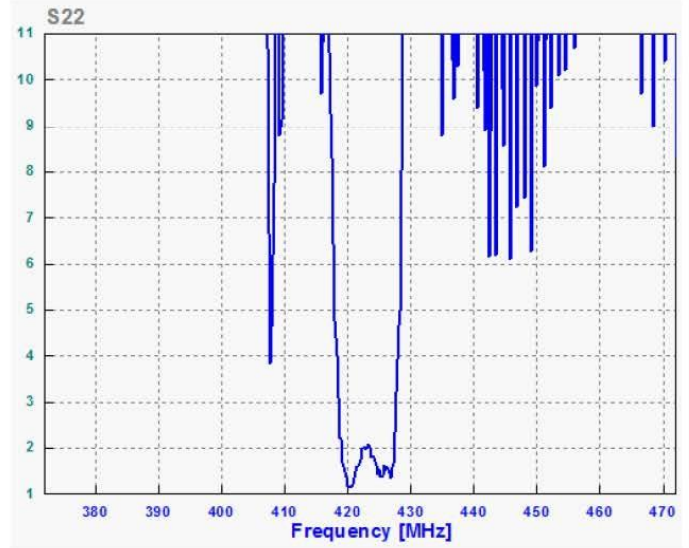
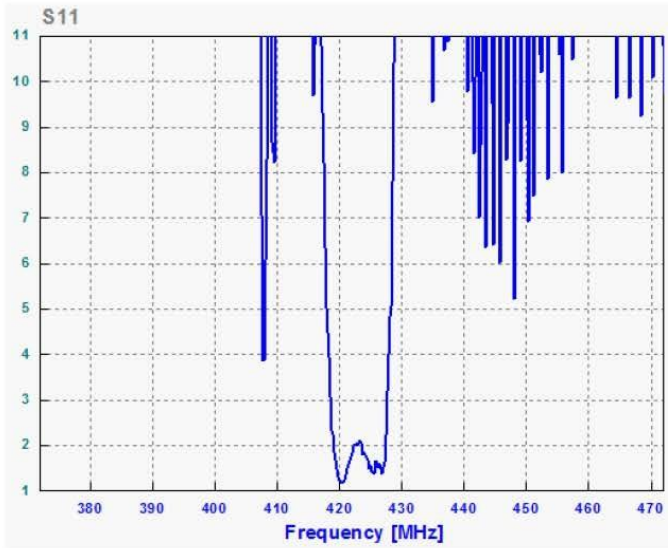
**ANATECH ELECTRONICS INC**  
RF & Microwave Filters & Products

# 422 MHz CDMA 450 L-Band RF-Rx Saw Filter

**Part Number: AM422S452**



## VSWR



## Smith Chart

