



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

# 455 MHz CDMA 450 A-Band RF-Tx Saw Filter

**Part Number: AM455S481**

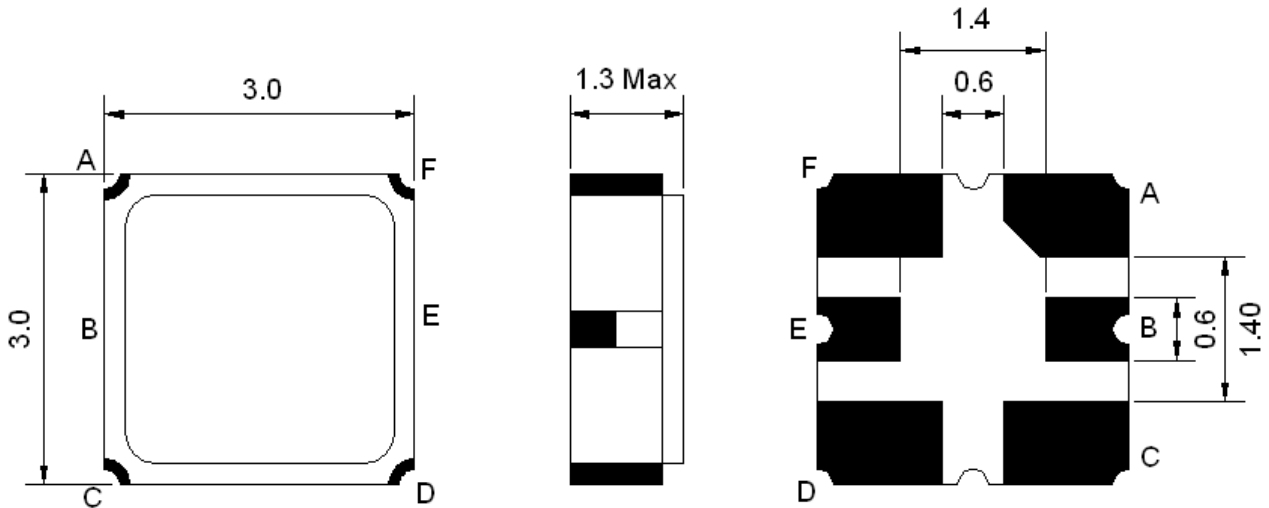


Parameters Description	Unit	Minimum	Typical	Maximum
Center Frequency (Fo)	MHz	-	455	-
Insertion Loss in 452.5 ~ 457.5 MHz	dB	-	1.8	2.8
VSWR in 452.5 ~ 457.5 MHz		-	1.3	2.0
<b>Attenuation:</b>				
0.3 ~ 350.0 MHz	dB	30	33	-
350.0 ~ 445.0 MHz	dB	25	30	-
462.5 ~ 467.5 MHz	dB	30	47	-
462.5 ~ 467.5 MHz in -10°C ~ +85°C	dB	40	47	-
467.5 ~ 2000.0 MHz	dB	25	30	-

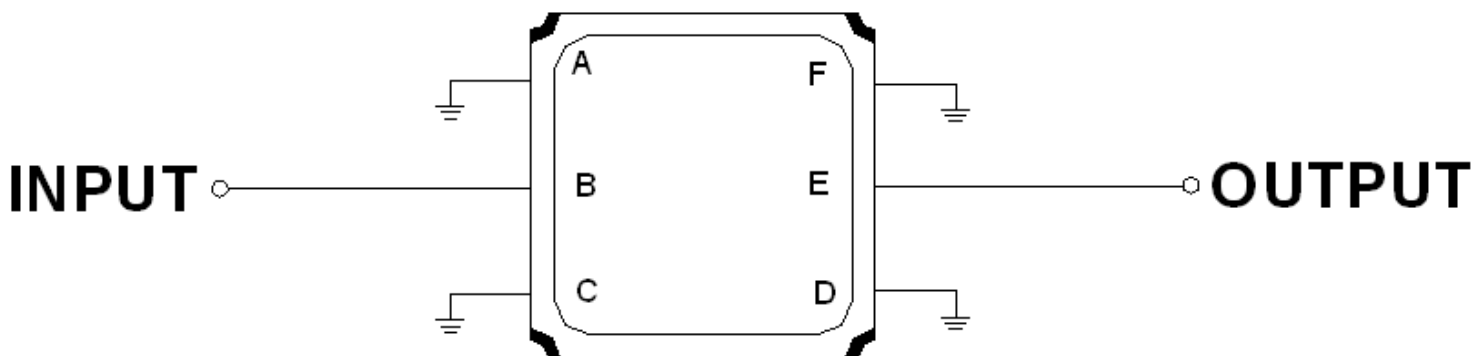
Parameters Description	Unit	Minimum	Typical	Maximum
Operation Temperature Range	°C	-30	-	+80
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	5
Maximum Input Power	dBm	-	-	28
Source Impedance (Single Ended) <sub>1</sub>	Ω	-	50	-
Load Impedance (Single Ended) <sub>1</sub>	Ω	-	50	-
Package Size and Type	3.0 x 3.0 x 1.3 mm		M2	



**Outline Drawing:**



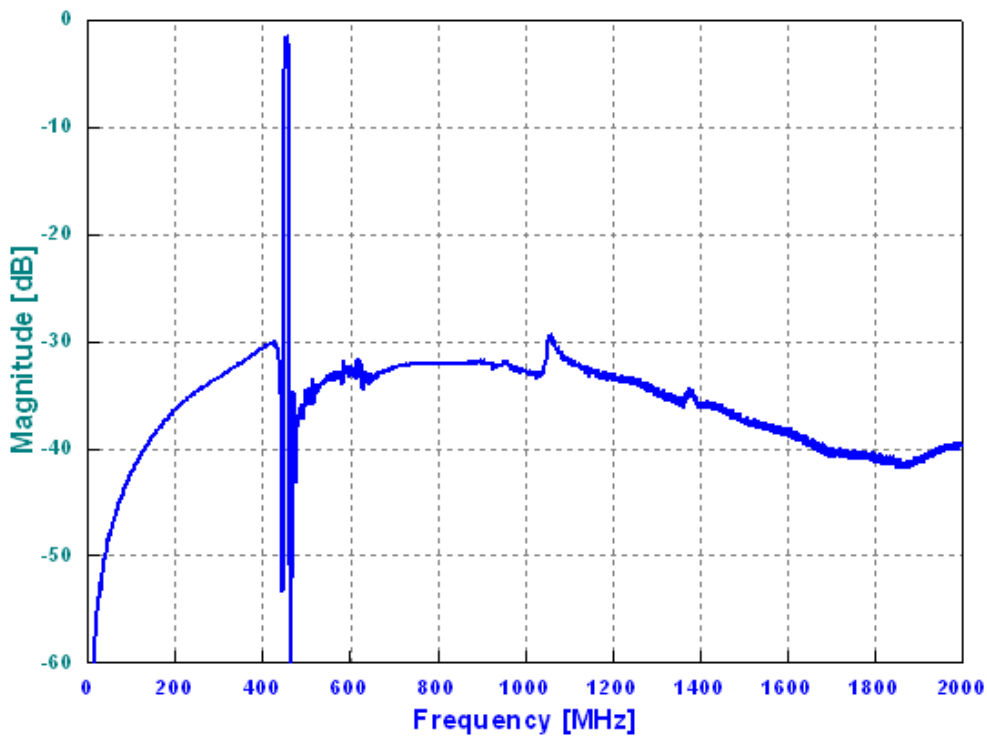
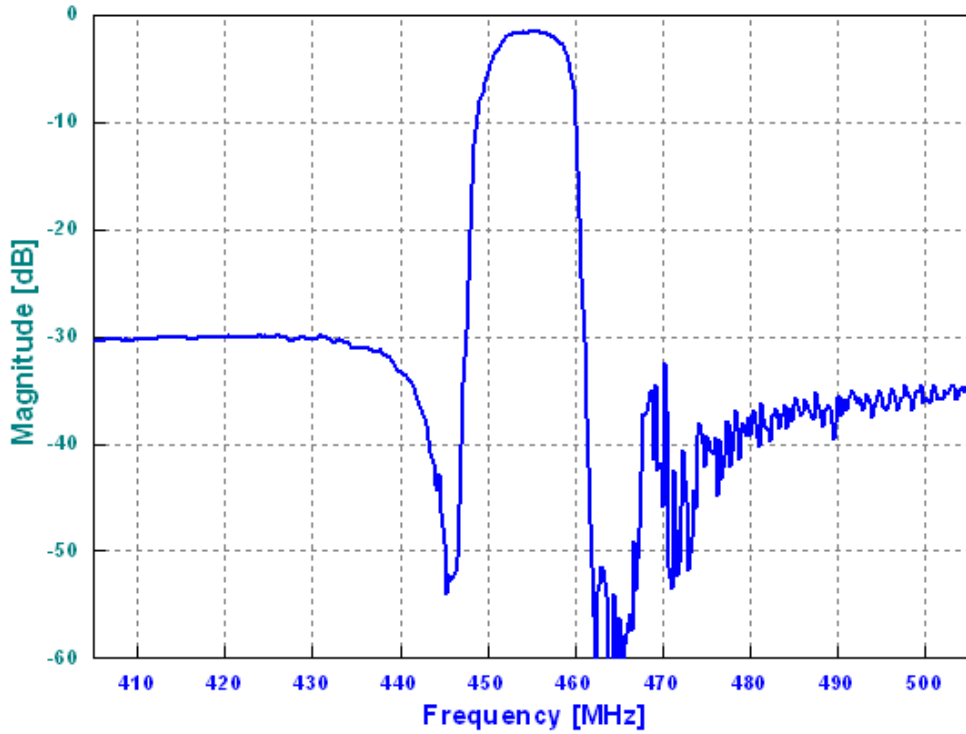
**Testing Environment:**



Source/Load Impedance: 50  $\Omega$



**Response Plot:**





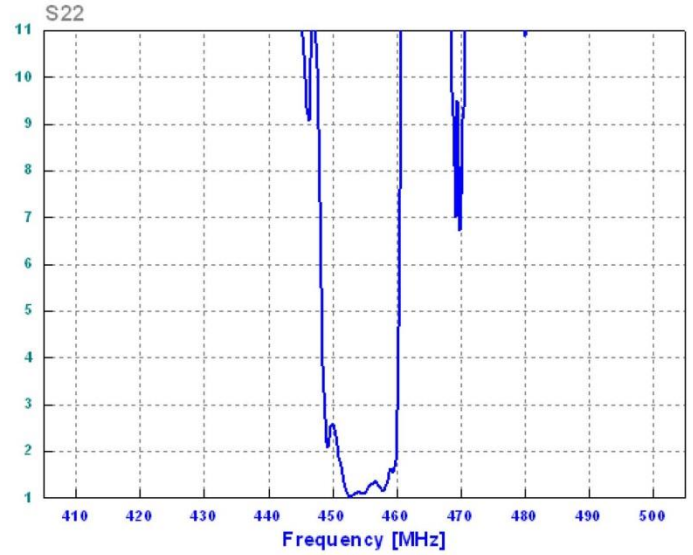
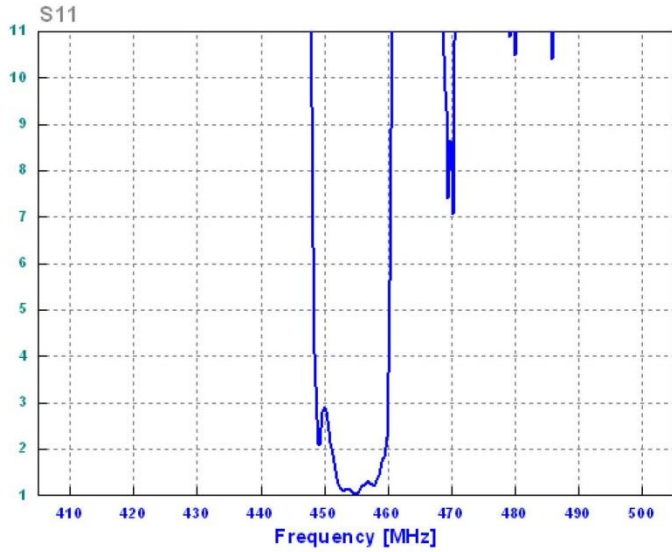
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## VSWR



## Smith Chart

