



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

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

**Part Number: AM455S470**

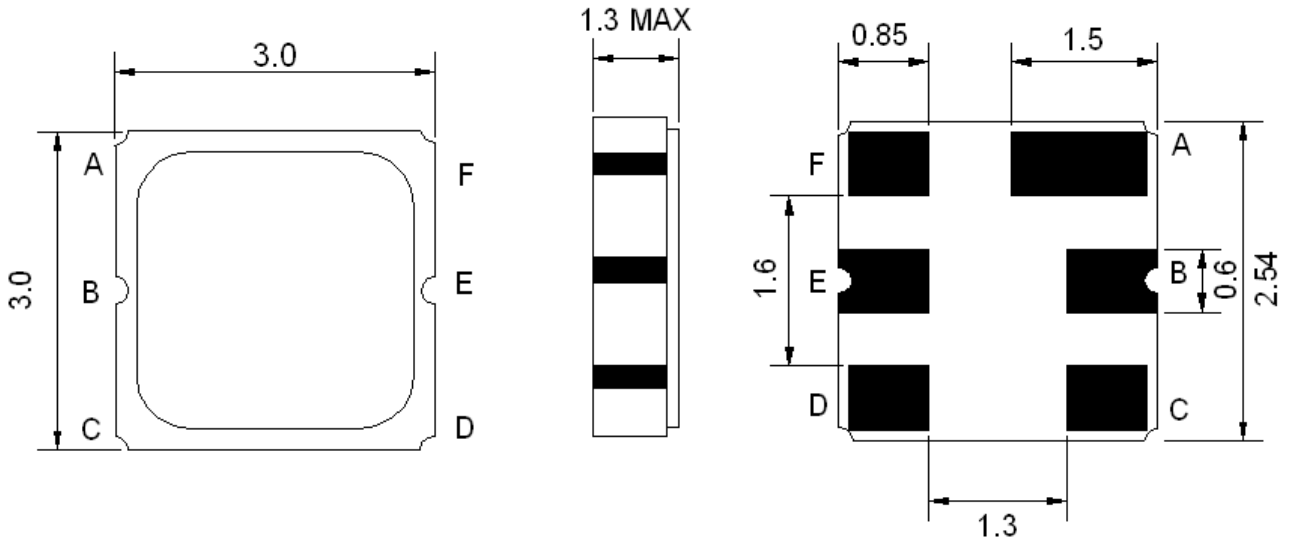


Parameters Description	Unit	Minimum	Typical	Maximum
Center Frequency (Fo)	MHz	-	455	-
Insertion Loss in 452.5 ~ 457.5 MHz	dB	-	2.2	2.8
VSWR in 452.5 ~ 457.5 MHz		-	1.5	2.0
<b>Attenuation:</b>				
0.3 ~ 443.0 MHz	dB	25	26	-
462.5 ~ 467.5 MHz	dB	30	47	-
467.5 ~ 1500.0 MHz	dB	25	28	-
1500.0 ~ 2000.0 MHz	dB	15	22	-

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	-	-	30
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:**



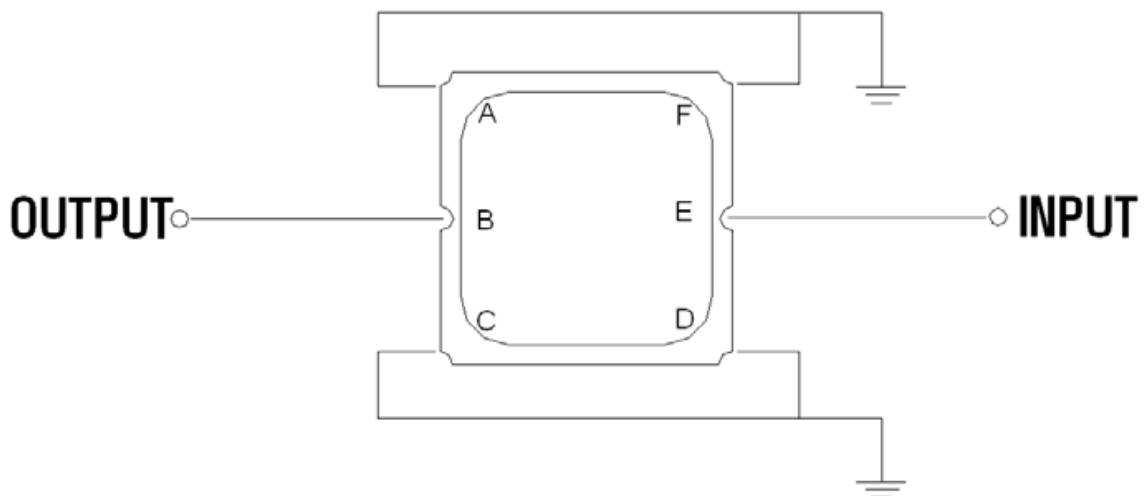
**Pin Description:**

Ground – A B C F G H

Input – I J

Output – E D

**Testing Environment:**



Source/Load Impedance: 50  $\Omega$



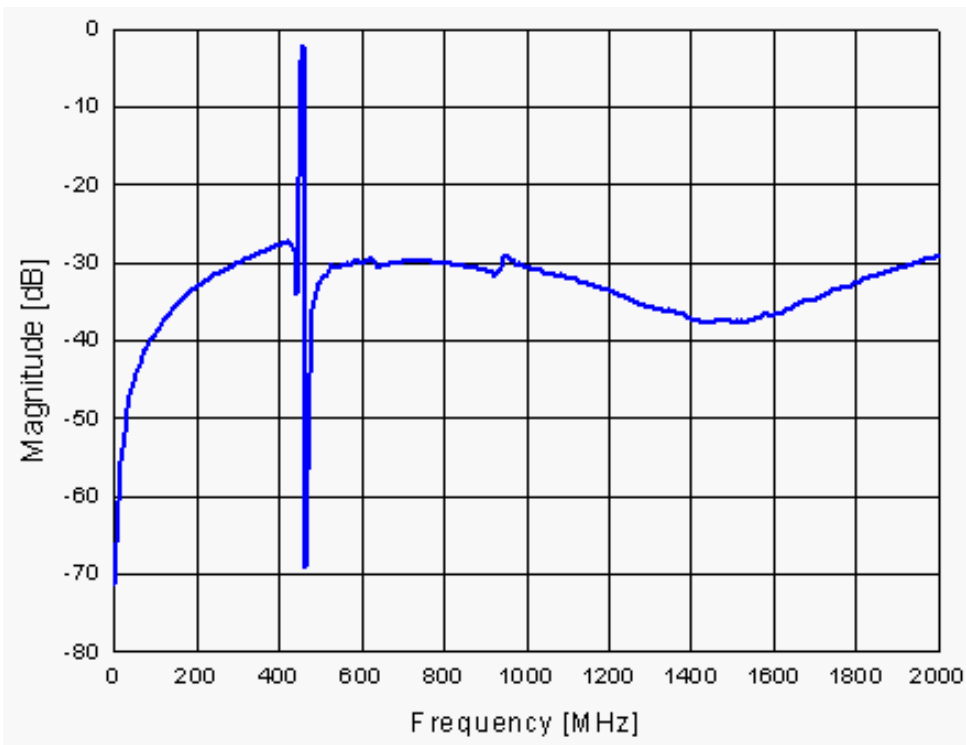
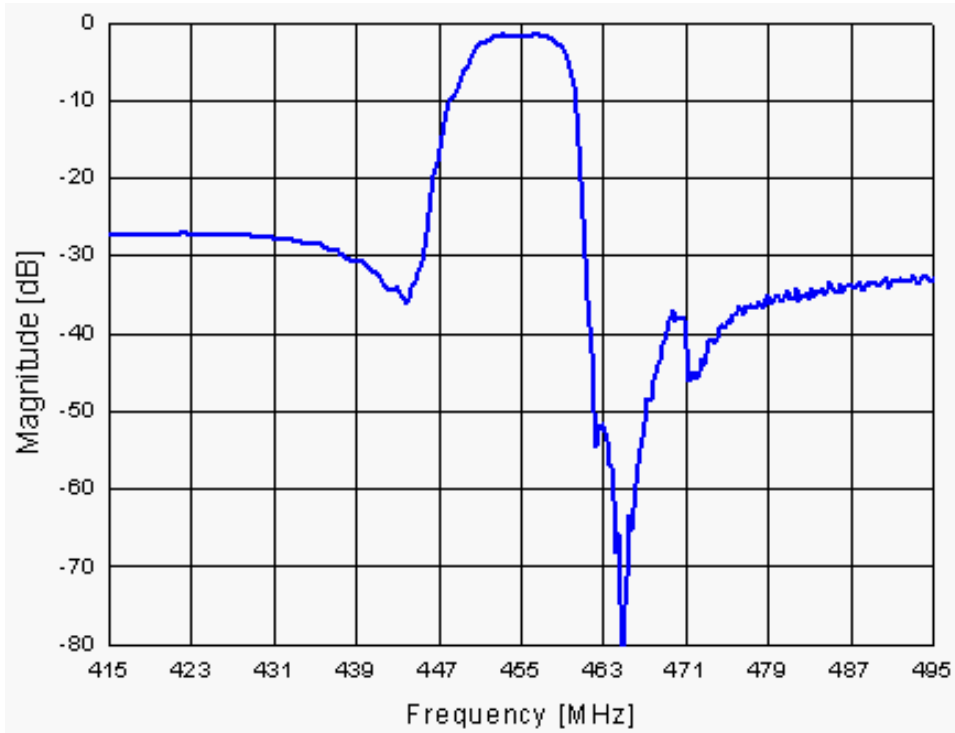
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## Response Plot:





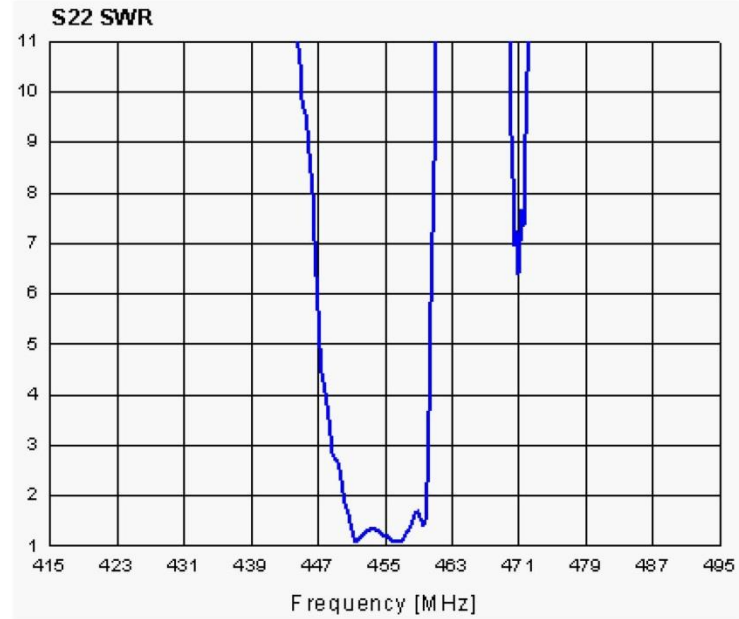
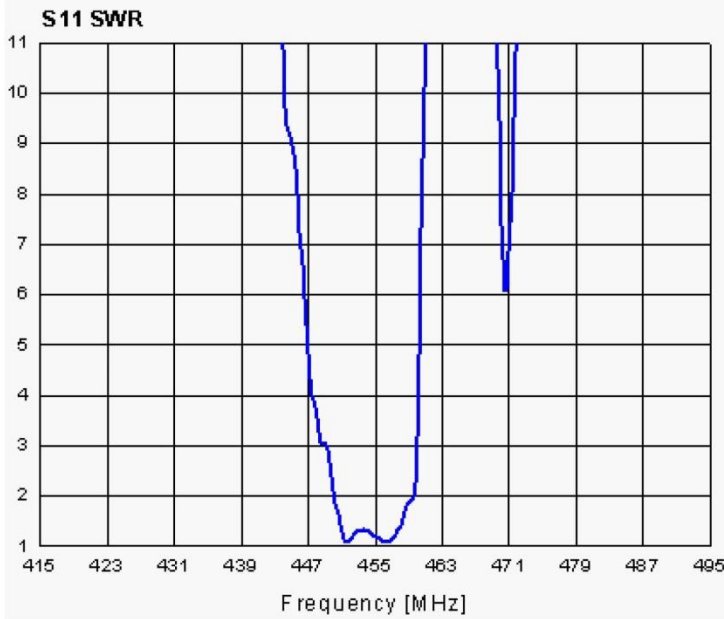
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## VSWR



## Smith Chart

