



458 MHz CDMA 450 G-Band, RF-Tx Saw Filter

Part Number: AM457S483

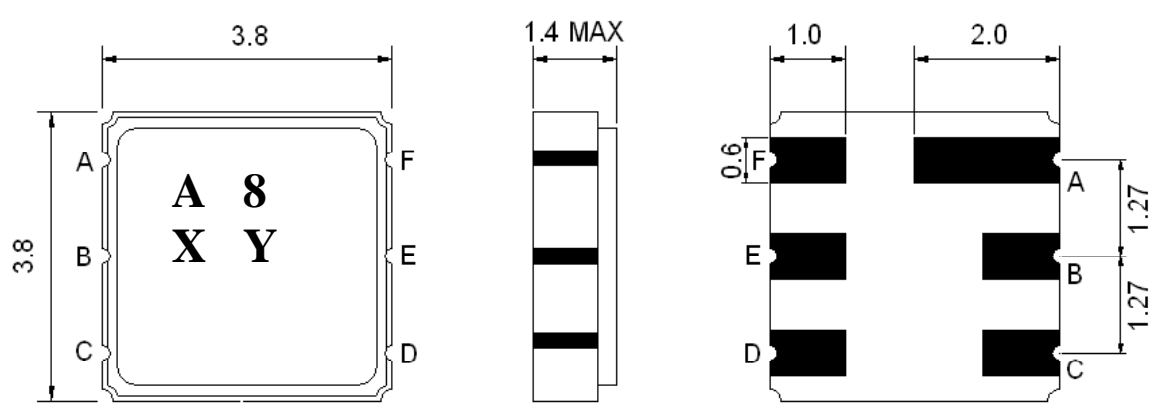
Parameters Description	Unit	Minimum	Typical	Maximum
Center Frequency (Fo)	MHz	-	457.6	-
Insertion Loss in 455.2 ~460.0 MHz	dB	-	1.8	2.8
Attenuation:				
0.3 ~ 445.0 MHz	dB	25	28	-
465.2 ~ 470.0 MHz	dB	30	49	-
470.0 ~ 1700 MHz	dB	23	27	-
1700 ~ 2000 MHz	dB	18	21	-
VSWR in 455.2 ~ 460.0 MHz	-	-	1.6	2.0

Parameters Description	Unit	Minimum	Typical	Maximum
Operating 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) ⁽¹⁾	Ω	-	50	-
Load Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Package type & size	P			
Length x Width	mm ²	-	3.8 x 3.8	-
Height	mm	-	-	1.4

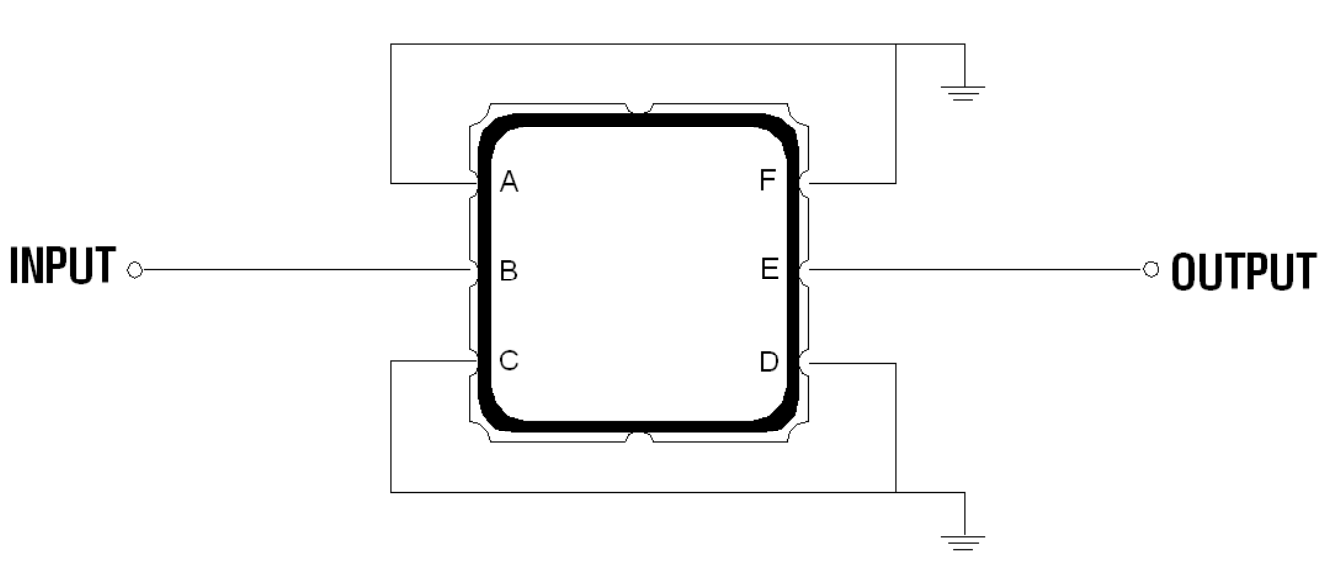


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Testing Environment



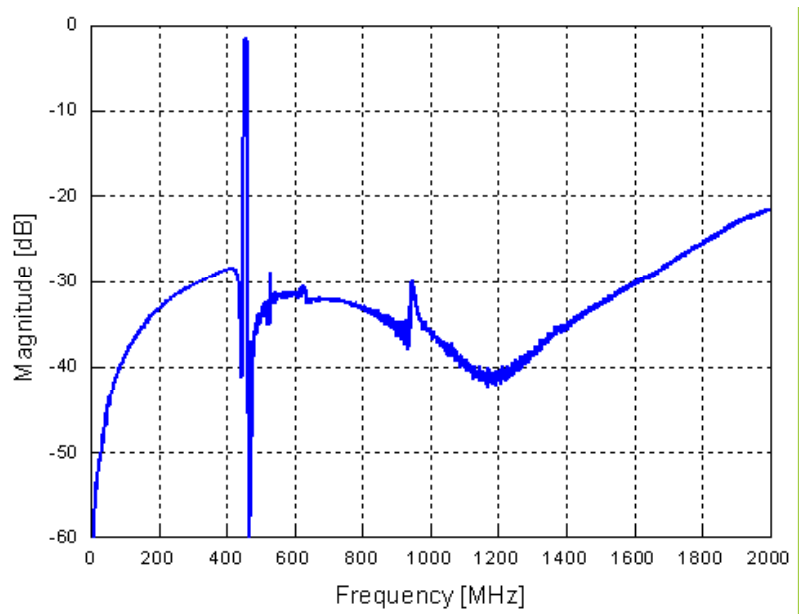
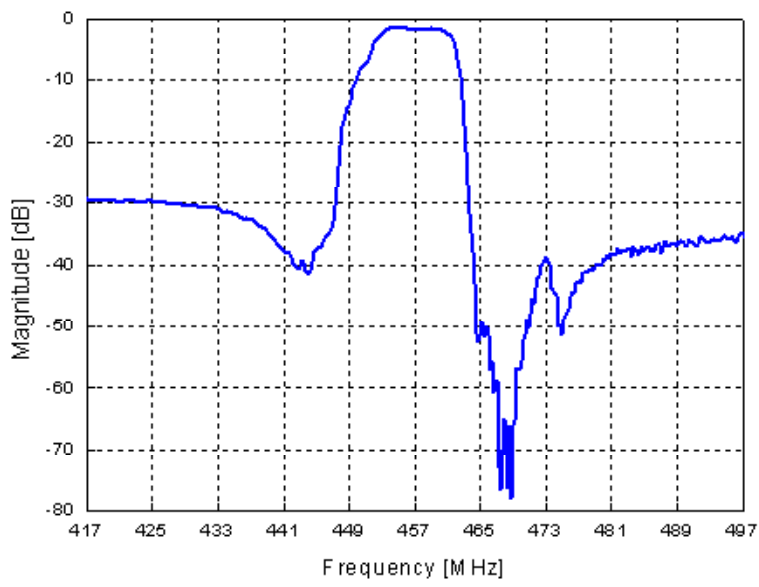
Source & Load Impedance: 50 Ω



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Frequency Response

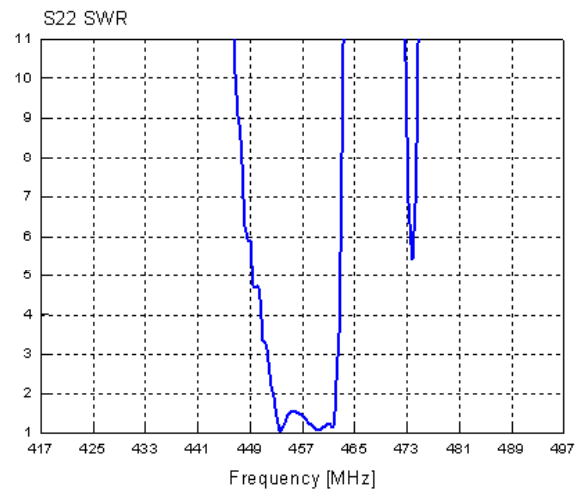
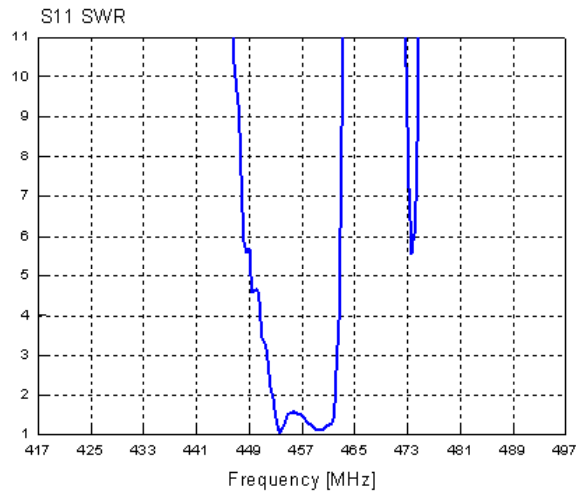




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VSWR



Smith Chart

