

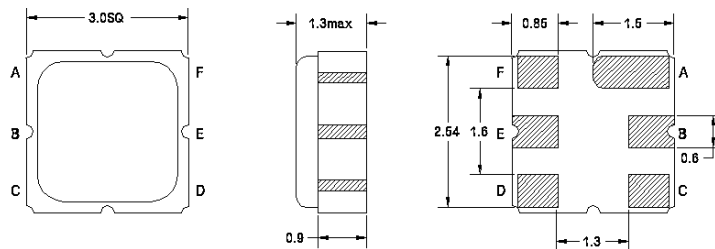
1950 MHz WCDMA, RF-Tx SAW Filter 162984

Specifications

Parameter	Unit	Min	Typical	Max
Center Frequency	MHz	-	1950	-
Insertion Loss within 1920 ~ 1980 MHz	dB	-	2.8	4.0
Source Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Load Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Operating Temperature Range	$^{\circ}\text{C}$	-30	-	+80
Amplitude Ripple within 1920 ~ 1980 MHz	dB _{p-p}	-	1.4	2.4
Attenuation:				
D.C. ~ 1840 MHz	dB	20	31	-
1840 ~ 1900 MHz	dB	10	17	-
2000 ~ 2030 MHz	dB	4.5	9	-
2030 ~ 2060 MHz	dB	20	50	-
2060 ~ 5000 MHz	dB	22	26	-
VSWR within 1920 ~ 1980 MHz	-	-	1.9	2.4
Maximum DC Voltage	V	-	-	5
Maximum Input Power	dBm	-	-	10
Package type & size			M	
Length X Width	mm ²	-	3.0 X 3.0	-
Height	mm	-	-	1.3

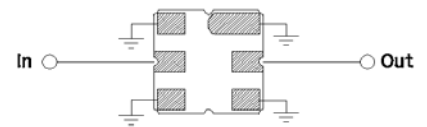
Notes: No Matching Network (Ref. Testing Environment Circuit as shown below).

Package Outline



PIN Descriptions	
IN	E
Out	B
Ground	A,C,D,F

Testing Environment



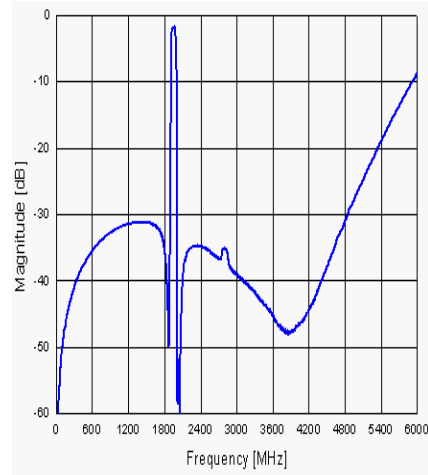
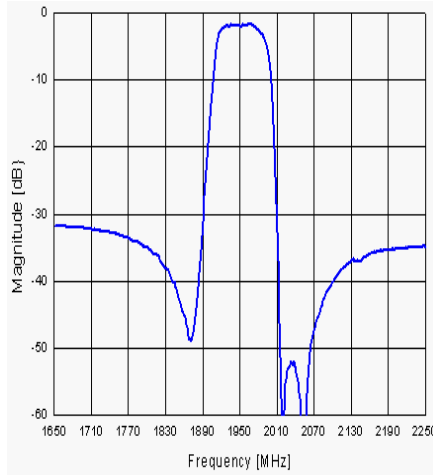
Source & Load Impedance 50 Ω

SAW PRODUCTS

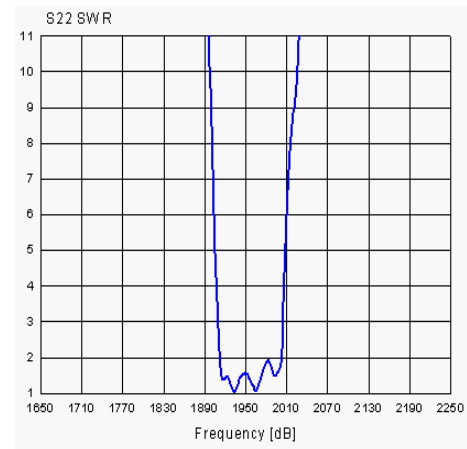
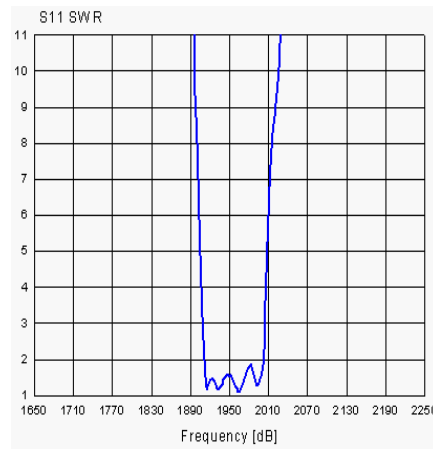
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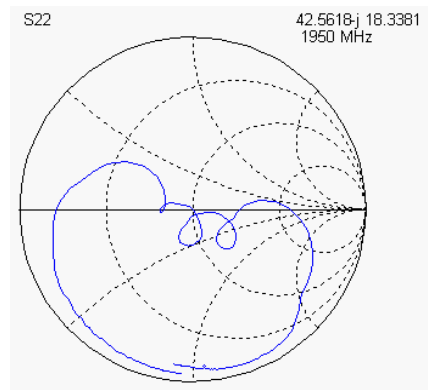
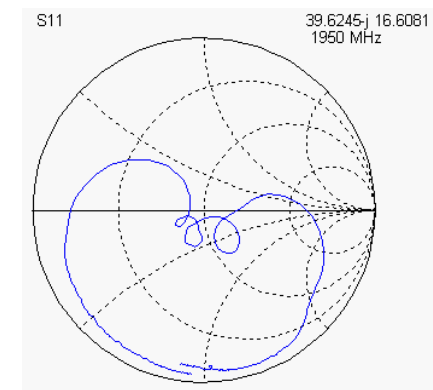
Frequency Response



VSWR



Smith Chart



SAW PRODUCTS

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