

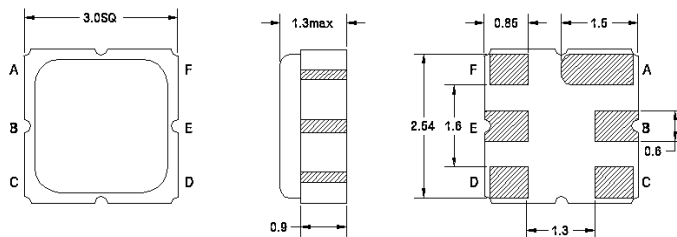
1472 MHz RF Band Pass SAW Filter 163018

Specifications

Parameter	Unit	Min	Typical	Max
Center Frequency	MHz	-	1472.0	-
Insertion Loss within 1452 ~ 1492 MHz	dB	-	3.5	4.5
Source Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Load Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Operating Temperature Range	$^{\circ}\text{C}$	-30	-	+85
Amplitude Ripple within 1452 ~ 1492 MHz	dB _{p-p}	-	0.9	2.0
Attenuation:				
D.C. ~ 1300 MHz	dB	50	60	-
1300 ~ 1410 MHz	dB	40	50	-
1560 ~ 1620 MHz	dB	37	42	-
1620 ~ 2500 MHz	dB	35	45	-
2500 ~ 3000 MHz	dB	30	37	-
VSWR within 1452 ~ 1492 MHz	-	-	1.5	2.0
Maximum DC Voltage	V	-	-	5
Maximum Input Power	dBm	-	-	15
Package type & size			M	
Length X Width	mm ²	-	3.0 X 3.0	-
Height	mm	-	-	1.3

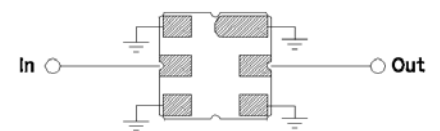
Notes: No Matching Network (Ref. Testing Environment Circuit as shown below).

Package Outline



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

Testing Environment



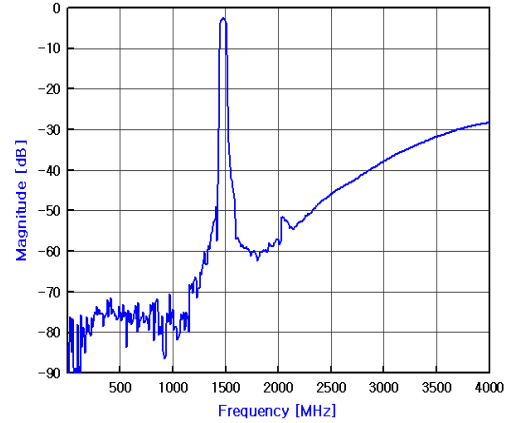
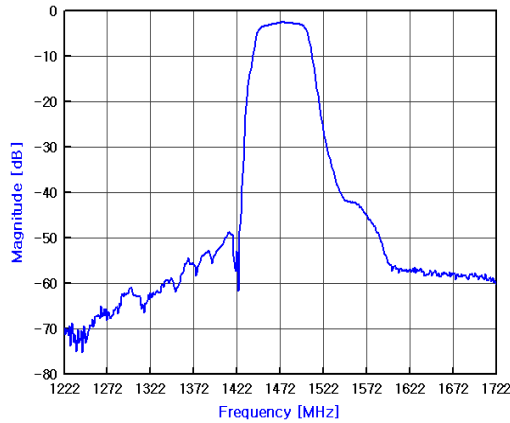
Source & Load Impedance 50 Ω

SAW PRODUCTS

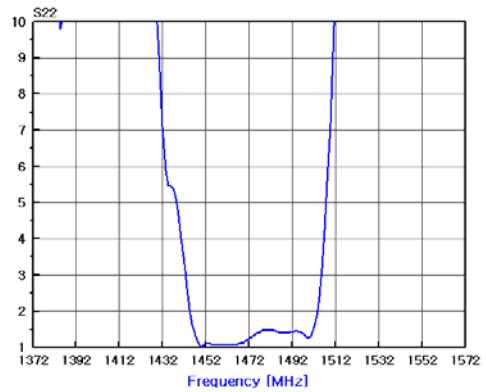
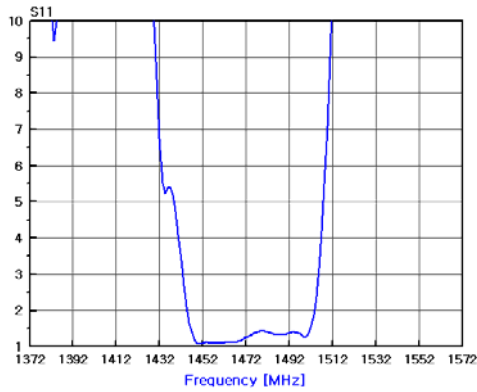
COM DEV

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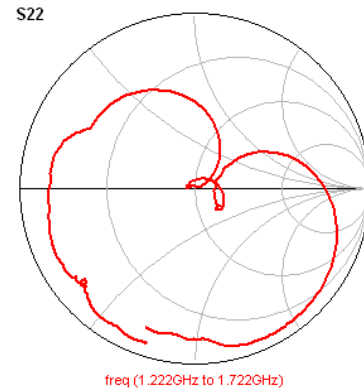
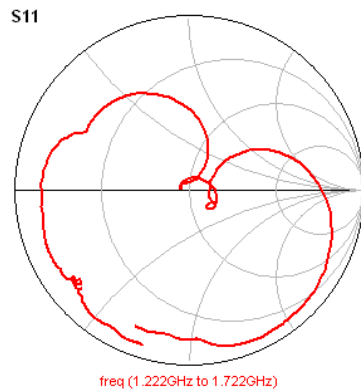
Frequency Response



VSWR



Smith Chart



SAW PRODUCTS

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