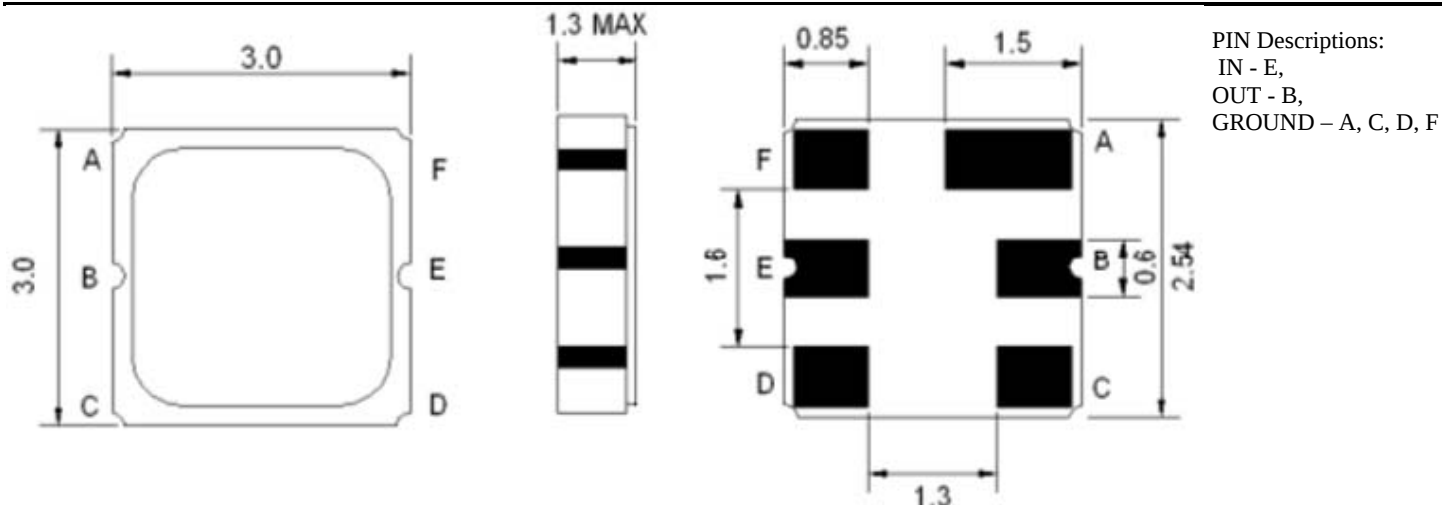


RADITEK INC.

SAW Band Pass Filter

code-k

1452MHz to 1492MHz, 15 dBm Input Power, 5 Volts, Surface Mount
RSAW-BPF-1452-1492M-0303-15d-5V-S



Specifications	Unit	Minimum	Typical	Maximum
Center Frequency (Fo)	MHz	-	1472.0	-
Insertion Loss within 1452.0 ~ 1492.0 MHz	dB	-	3.5	4.5
Source Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Load Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Operating Temperature Range	°C	-30	-	+85
Storage Temperature Range	°C	-40	-	+85
Amplitude Ripple within 1452.0 ~ 1492.0 MHz	dB _{p-p}	-	0.9	2.0
Attenuation				
D.C. ~ 1300.0 MHz	dB	50	60	-
1300.0 ~ 1410.0 MHz	dB	40	50	-
1560.0 ~ 1620.0 MHz	dB	37	42	-
1620.0 ~ 2500.0 MHz	dB	35	45	-
2500.0 ~ 3000.0 MHz	dB	30	37	-
VSWR within 1452.0 ~ 1492.0 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: (1) No Matching Network (Ref. Testing Environment Circuit as shown above).

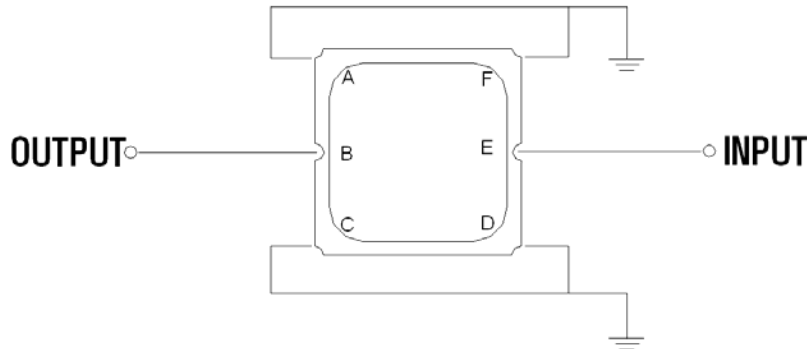
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SAW Band Pass Filter

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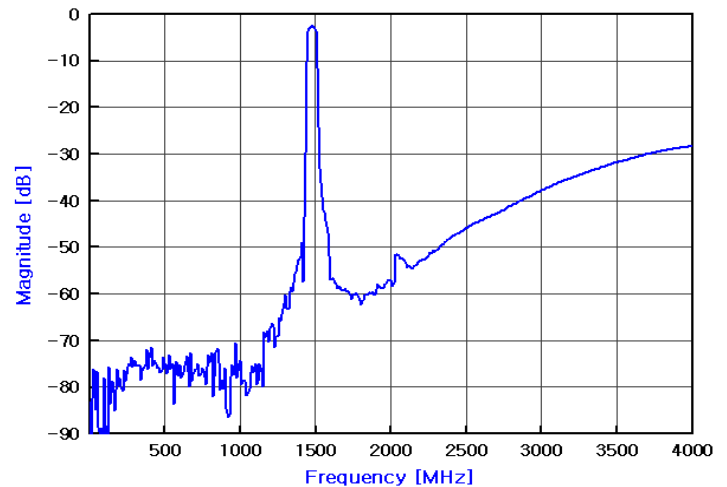
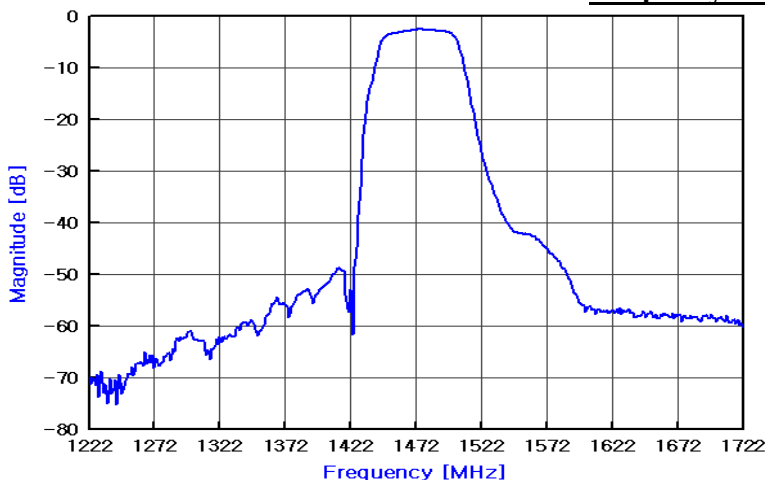
1452MHz to 1492MHz, 15 dBm Input Power, 5 Volts, Surface Mount
RSAW-BPF-1452-1492M-0303-15d-5V-S

Source & Load Impedance: 50 Ω



Frequency Characteristics

Frequency Response



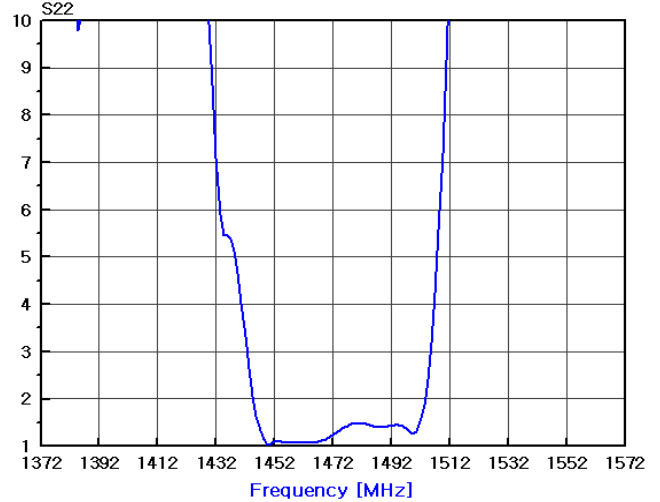
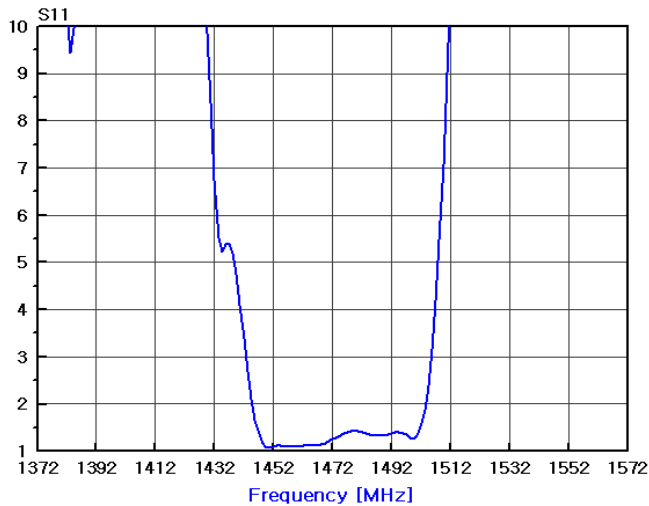
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SAW Band Pass Filter

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1452MHz to 1492MHz, 15 dBm Input Power, 5 Volts, Surface Mount
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VSWR



SMITH CHART

