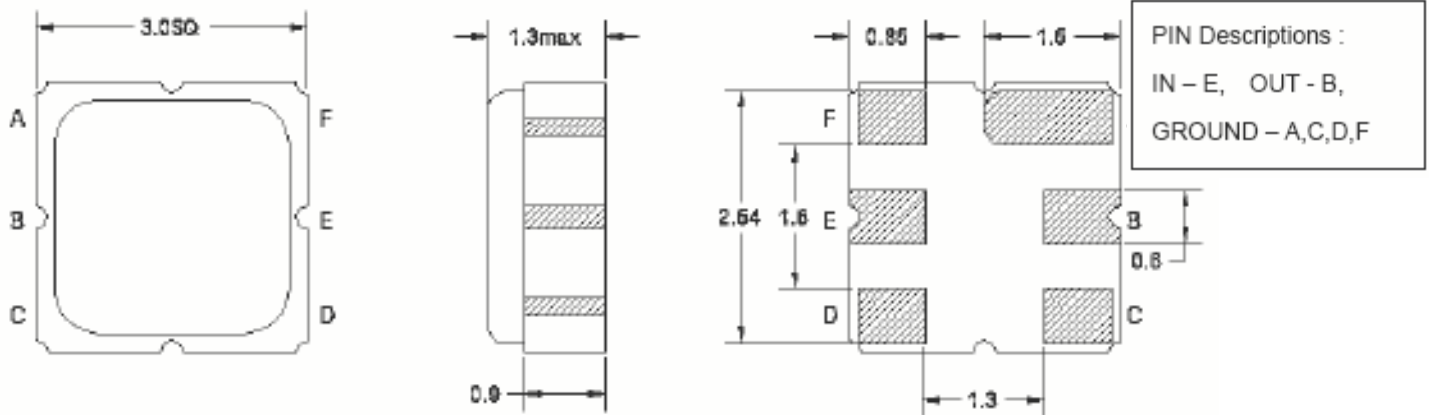


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DCS ,RF-Rx SAW Band Pass Filter 1805-1880MHz, Surface Mount RSAW-BPF-1805-1880M-0303-S-k

code-k



Specifications	Unit	Minimu	Typical	Maximum
Center Frequency (Fo)	MHz	-	1842.5	-
Insertion Loss (1805 ~ 1880 MHz)	dB	-	2.3	4.0
Source Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Load Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Operating Temperature Range	°C	-30	-	+80
Amplitude Ripple within 1805 ~ 1880 MHz	dB _{p-p}	-	1.3	2.5
Attenuation:				
D.C. ~ 1500 MHz	dB	20	25	-
1600 ~ 1710 MHz	dB	22	27	-
1710 ~ 1785 MHz	dB	10	18	-
1920 ~ 3120 MHz	dB	25	30	-
3120 ~ 4000 MHz	dB	17	26	-
VSWR (1805 ~ 1880 MHz)	-	-	2.0	2.5
Maximum DC Voltage	V	-	-	0
Maximum Input Power	dBm	-	-	10
Package type & size	M			
Length x Width	mm ²	-	3.0 x 3.0	-
Height	mm	-	-	1.3

Notes : (1) With Matching Network (Ref. Testing Environment Circuit as shown below).

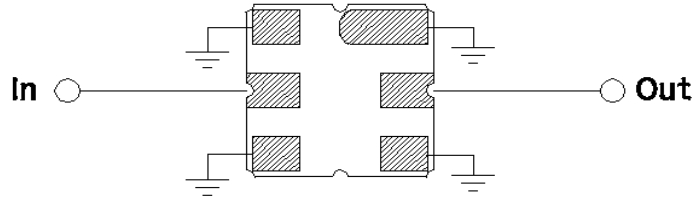
Those impedances could be modified with different impedance values and/or structures, if necessary

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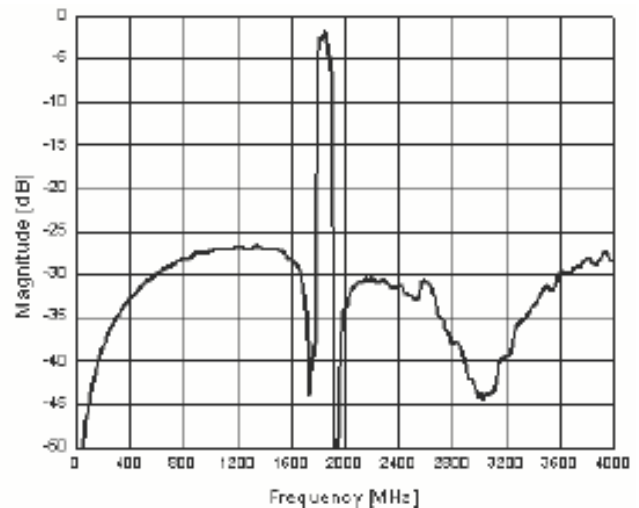
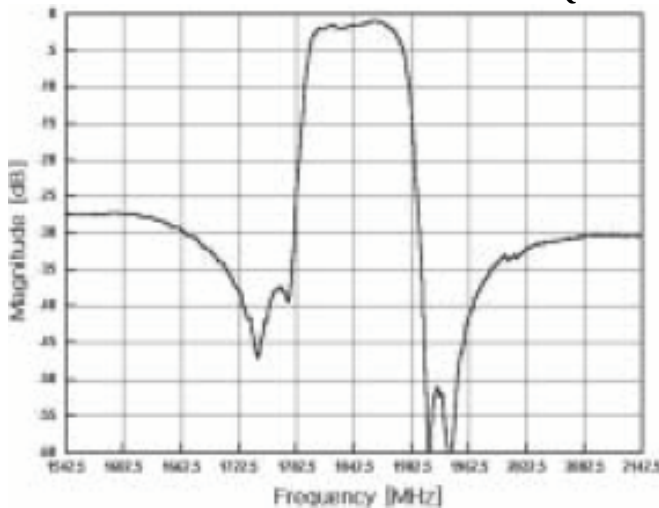
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TESTING ENVIRONMENT

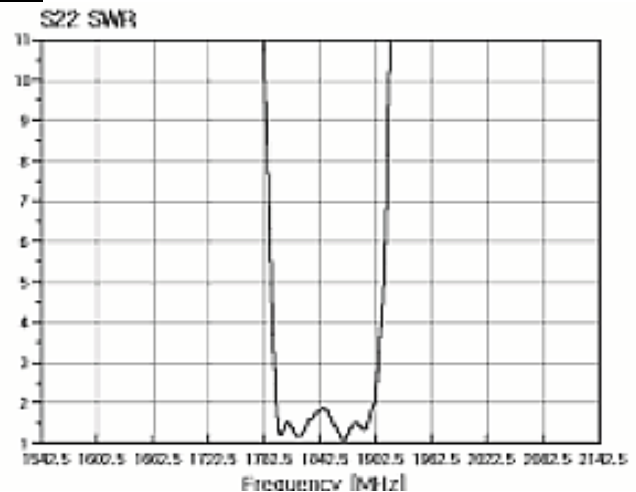
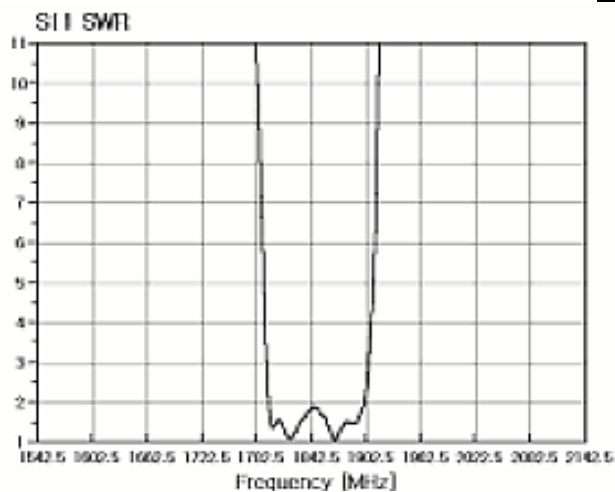


Source & Load Impedance: 50 Ω

FREQUENCY RESPONSE



VSWR



RSAW-BPF-1805-1880M-0303-S-k

Specifications may be subject to change

02/04/09

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RADITEK INC.

**DCS ,RF-Rx SAW Band Pass Filter
1805-1880MHz, Surface Mount
RSAW-BPF-1805-1880M-0303-S-k**

code-k

SMITH CHART

S11

$22.1734 + j2.1909$
1842.5 MHz

S22

$22.7987 + j2.9906$
1842.5 MHz

