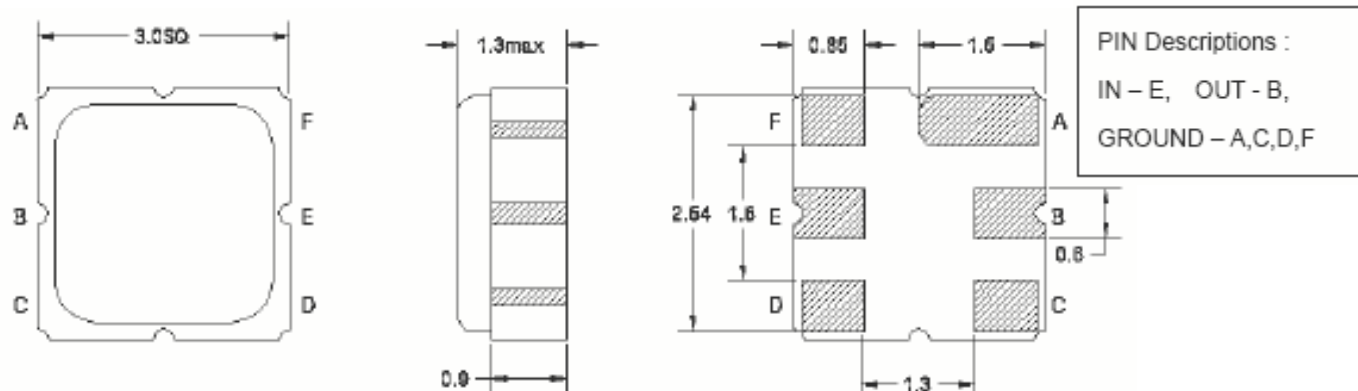


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DCS, RF-Tx SAW Band Pass Filter 1710-1785MHz, Surface Mount RSAW-BPF-1710-1785M-0303-S-k

code-k



Specifications	Unit	Minimum	Typical	Maximum
Center Frequency (Fo)	MHz	-	1745	-
Insertion Loss (1710 ~ 1785 MHz)	dB	-	3.2	4.0
Source Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Load Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Operating Temperature Range	°C	-20	-	+70
Amplitude Ripple within 1710 ~ 1785 MHz	dB _{p-p}	-	1.9	2.5
Attenuation:				
D.C. ~ 1670 MHz	dB	18	23	-
1670 ~ 1690 MHz	dB	15	25	-
1805 ~ 1880 MHz	dB	5	8	-
1880 ~ 4500 MHz	dB	20	25	-
4500 ~ 5200 MHz	dB	15	20	-
VSWR (1710 ~ 1785 MHz)	-	-	3.0	3.5
Maximum DC Voltage	V	-	-	0
Maximum Input Power	dBm	-	-	5
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

RSAW-BPF-1710-1785M-0303-S-k

Specifications may be subject to change

02/04/09

WORLD HQ: 1702L Meridian Ave. Suite 127, San Jose, Ca 95125, U.S.A.

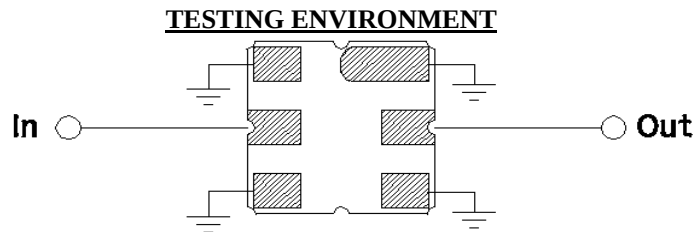
Telephone: (408) 266-7404 FAX: (408) 266-4483

WEB: www.raditek.com , E-mail: sales@raditek.com

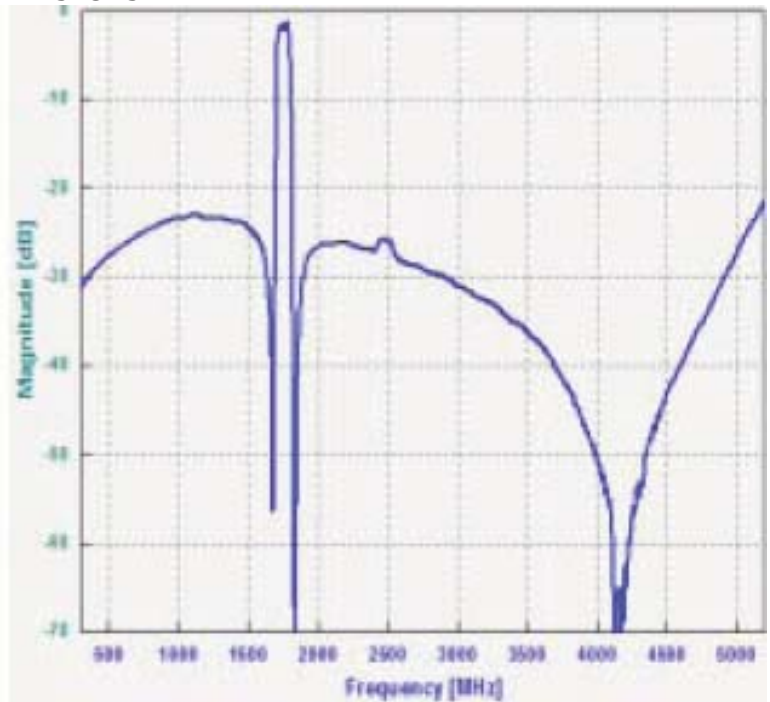
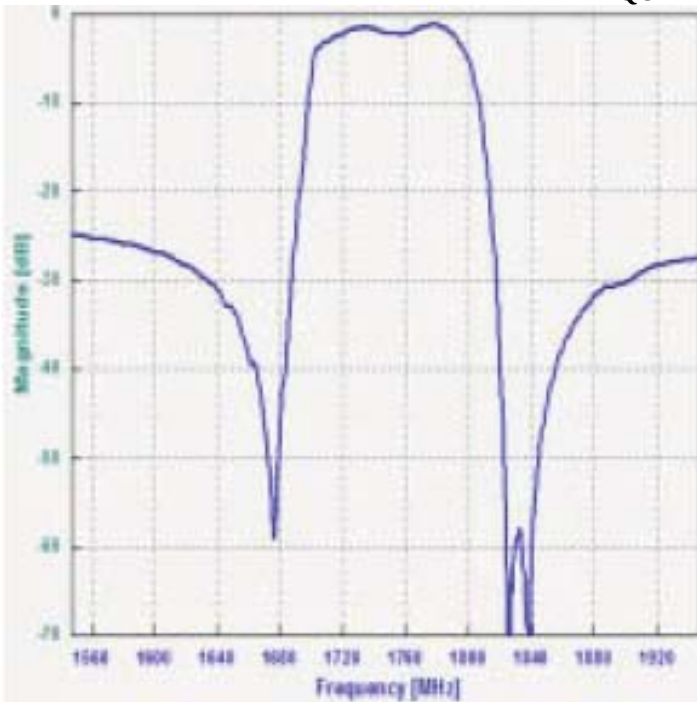
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Source & Load Impedance: 50 Ω
FREQUENCY RESPONSE

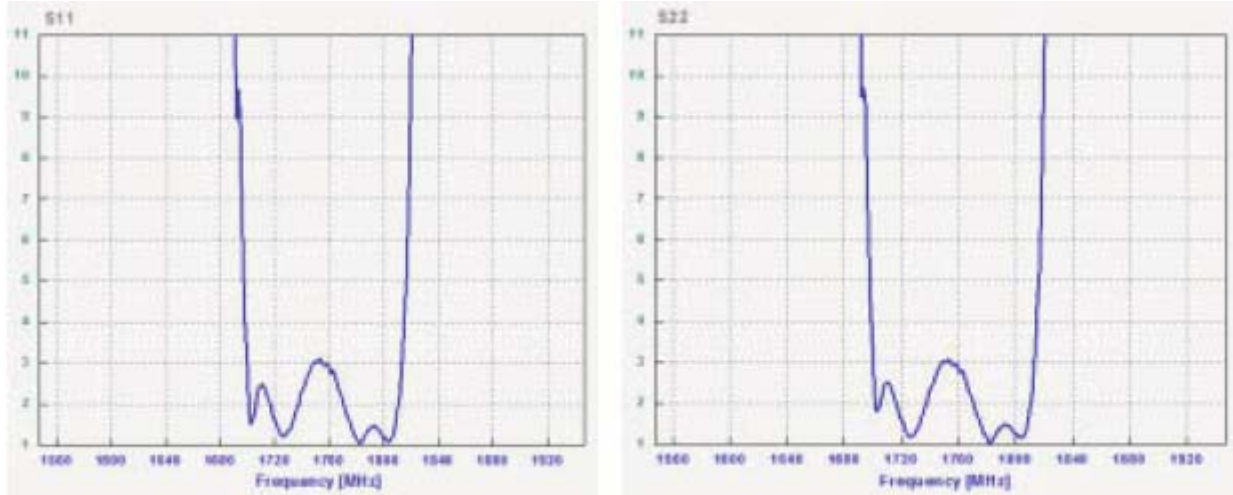


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VSWR



Smith Chart

