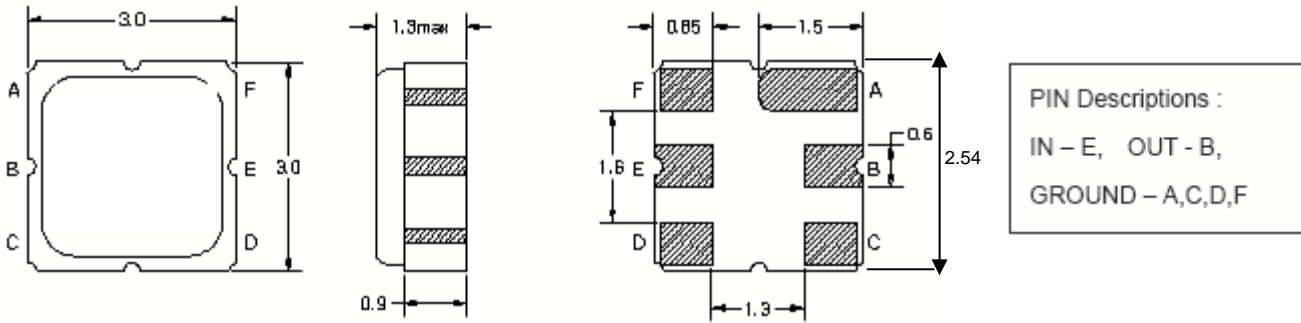


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## EGSM, RF-Tx SAW Band Pass Filter 880-915MHz, Surface Mount RSAW-BPF-880-915M-0303-S-k(Tx)

code-k



Specifications	Unit	Minimu	Typical	Maximum
Center Frequency (Fo)	MHz	-	897.5	-
Insertion Loss (880.0 ~ 915.0 MHz)	dB	-	2.5	3.5
Source Impedance (single ended) <sup>(1)</sup>	$\Omega$	-	50	-
Load Impedance (single ended) <sup>(1)</sup>	$\Omega$	-	50	-
Operating Temperature Range	$^{\circ}\text{C}$	-30	-	+80
Amplitude Ripple within 880.0 ~ 915.0 MHz	dB <sub>p-p</sub>	-	1.2	2.0
Attenuation:				
D.C. ~ 840.0 MHz	dB	17	23	-
840.0 ~ 860.0 MHz	Db	17	29	-
860.0 ~ 865.0 MHz	dB	10	45	-
925.0 ~ 935.0 MHz	dB	4.5	15	-
935.0 ~ 1850.0 MHz	dB	20	24	-
1850.0 ~ 3660.0 MHz	dB	10	15	-
VSWR (880.0 ~ 915.0 MHz)	-	-	2.0	2.5
Maximum DC Voltage	V	-	-	3
Maximum Input Power	dBm	-	-	15
Package type & size	M			
Length x Width	mm <sup>2</sup>	-	3.0 x 3.0	-
Height	mm	-	-	1.3

**Notes :** (1) No 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-880-915M-0303-S-k(Tx)**

**Specifications may be subject to change**

**02/03/09**

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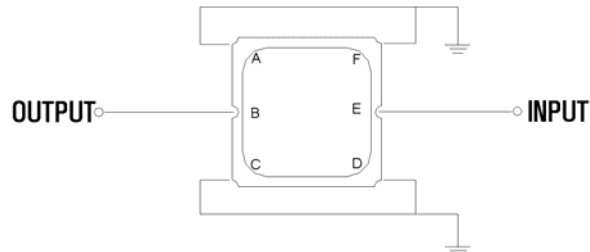
Telephone: (408) 266-7404 FAX: (408) 266-4483

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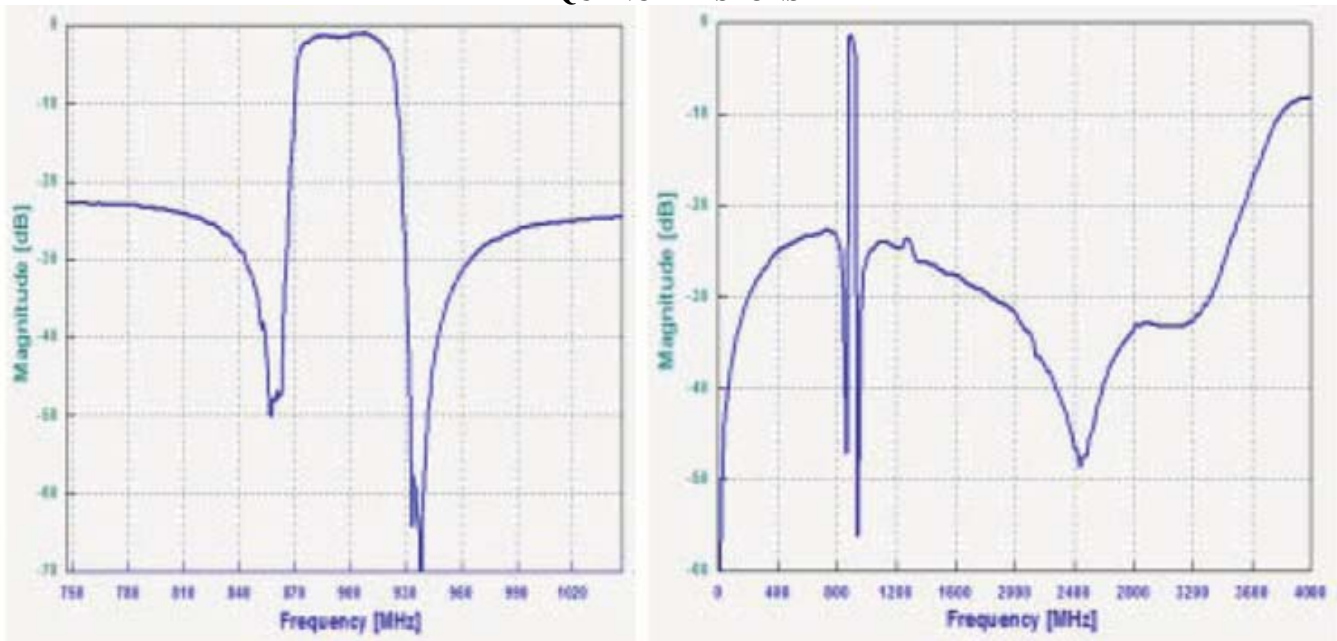
## EGSM, RF-Tx SAW Band Pass Filter 880-915MHz, Surface Mount RSAW-BPF-880-915M-0303-S-k(Tx)

code-k



Source & Load Impedance: 50  $\Omega$

### FREQUENCY RESPONSE

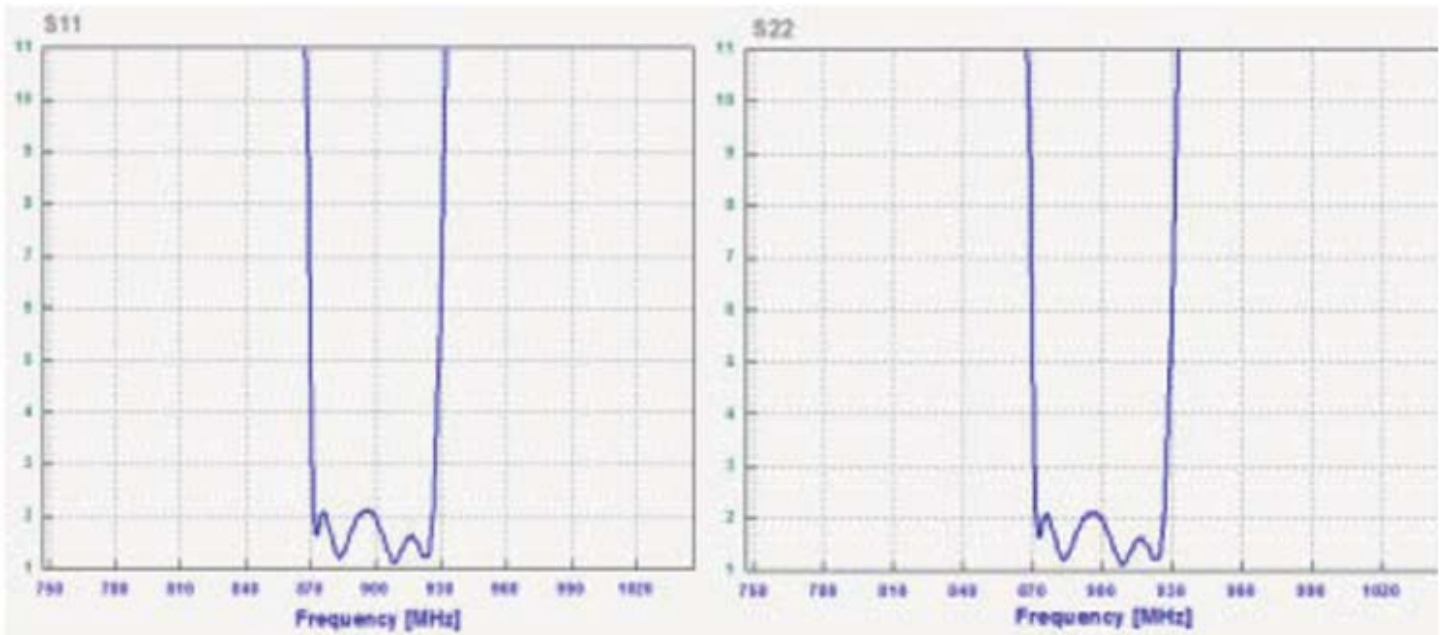


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## EGSM, RF-Tx SAW Band Pass Filter 880-915MHz, Surface Mount RSAW-BPF-880-915M-0303-S-k(Tx)

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VSWR



Smith Chart

