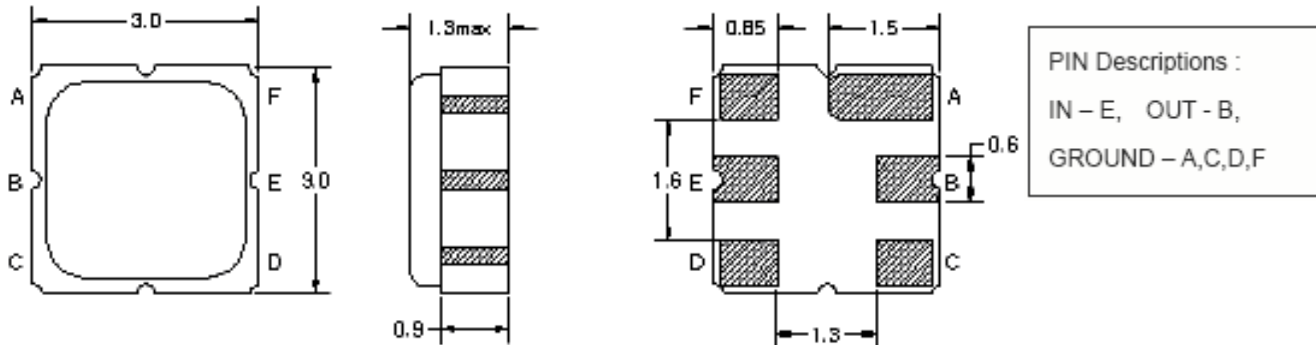


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## EGSM ,RF-Rx SAW Band Pass Filter 925-960MHz, Surface Mount RSAW-BPF-925-960M-0303-S

code-k



Specifications	Unit	Minimu	Typical	Maximum
Center Frequency (Fo)	MHz	-	942.5	-
Insertion Loss (925 ~ 960 MHz)	dB	-	2.5	3.0
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 925 ~ 960 MHz	$\text{dB}_{\text{p-p}}$	-	1.25	1.5
Attenuation:				
<u>D.C. ~ 905 MHz</u>	dB	17	23	-
<u>905 ~ 915 MHz</u>	dB	5	15	-
<u>980 ~ 1000 MHz</u>	dB	13	35	-
<u>1000 ~ 2000 MHz</u>	dB	20	25	-
<u>VSWR (925 ~ 960 MHz)</u>	-	-	1.95	2.7
Maximum DC Voltage	V	-	-	0
Maximum Input Power	dBm	-	-	15
Package type & size		M		
Length x Width	$\text{mm}^2$	-	3.0 x 3.0	-
Height	mm	-	-	1.3

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

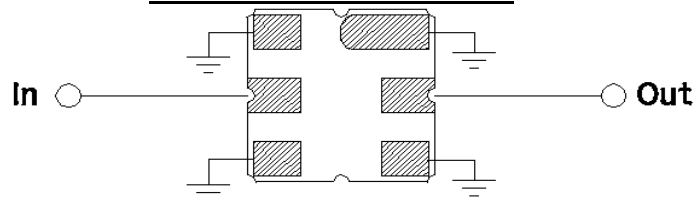
Those impedances could be modified with different impedance values and/or structures, if necessary

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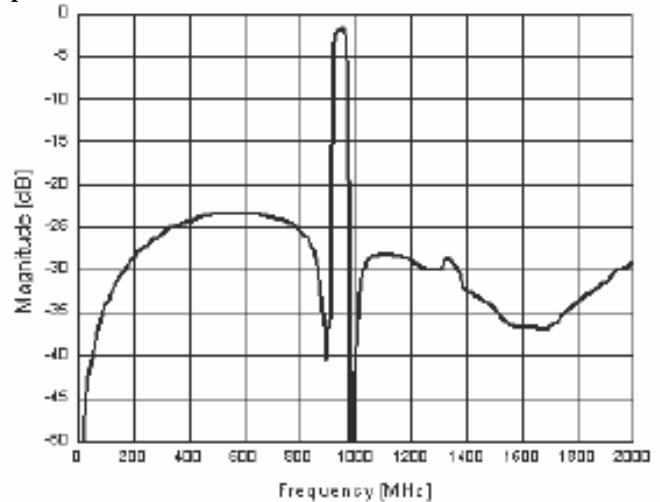
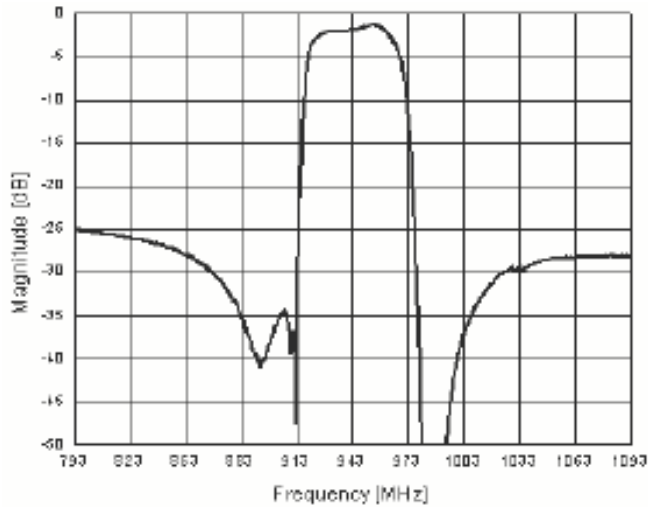
## EGSM ,RF-Rx SAW Band Pass Filter 925-960MHz, Surface Mount RSAW-BPF-925-960M-0303-S

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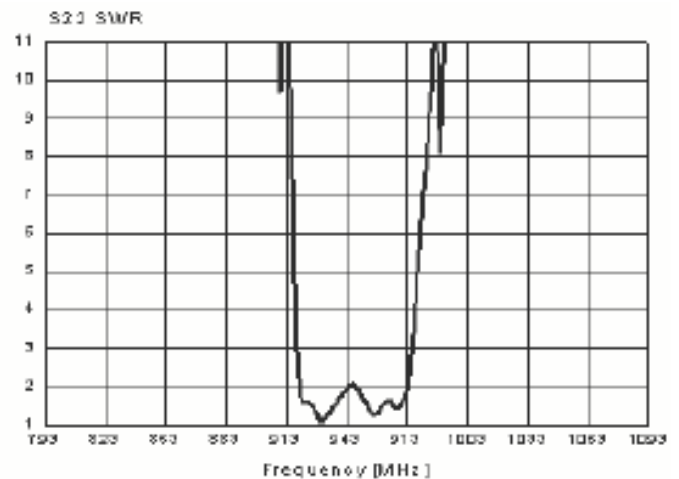
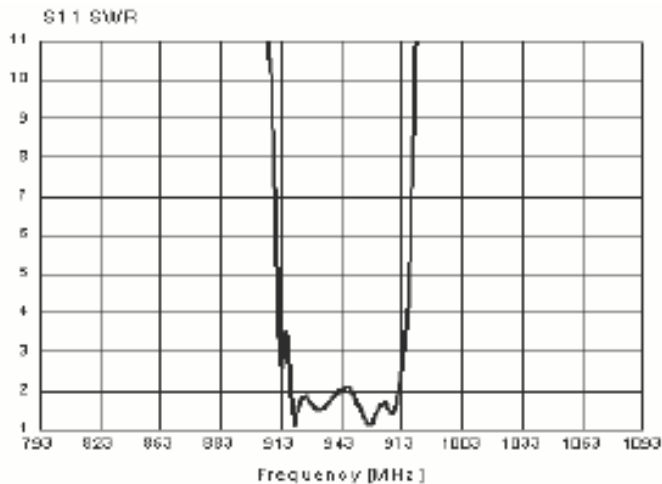
### TESTING ENVIRONMENT



Source & Load Impedance: 50  $\Omega$



### VSWR



RSAW-BPF-925-960M-0303-S-k

Specifications may be subject to change

02/04/09

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## EGSM ,RF-Rx SAW Band Pass Filter 925-960MHz, Surface Mount RSAW-BPF-925-960M-0303-S

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### Smith Chart

S11

25.317 -j 8.2336  
942.5 MHz

S22

28.2124j 11.6159  
942.5 MHz

