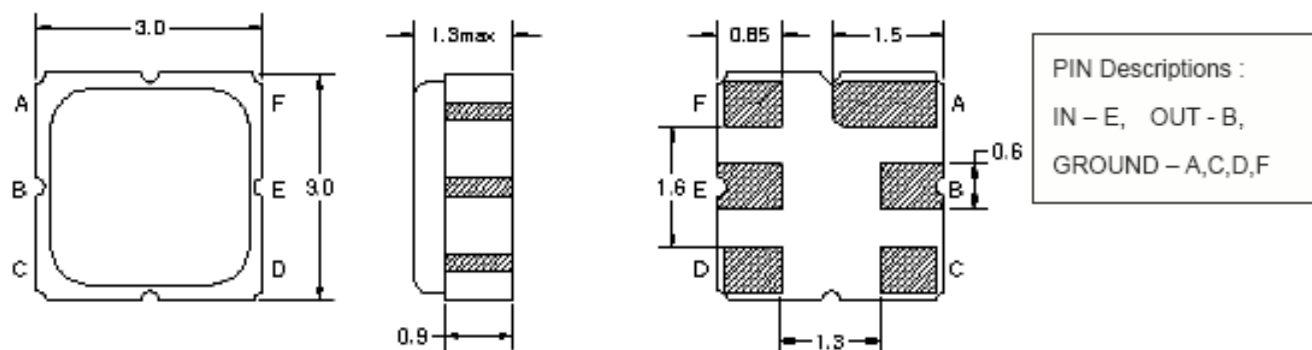


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Surface Acoustic Wave (SAW) Band Pass Filter 902-928MHz, Surface Mount RSAW-BPF-902-928M-0303-S-k

code-k



Specifications	Unit	Minimu	Typical	Maximum
Center Frequency (Fo)	MHz	-	915.0	-
Insertion Loss (902 ~ 928 MHz)	dB	-	2.5	3.0
Source Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Load Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Operating Temperature Range	°C	-30	-	+65
Amplitude Ripple within 902 ~ 928 MHz	dB _{p-p}	-	0.7	1.5
Attenuation:				
D.C. ~ 800 MHz	dB	50	60	-
800 ~ 845 MHz	dB	50	55	-
845 ~ 880 MHz	dB	45	50	-
950 ~ 990 MHz	dB	26	31	-
990 ~ 1200 MHz	dB	50	58	-
1200 ~ 2000 MHz	dB	30	38	-
VSWR (925 ~ 960 MHz)	-	-	1.45	2.0
Maximum DC Voltage	V	-	-	5
Maximum Input Power	dBm	-	-	20
Package type & size	P			
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).

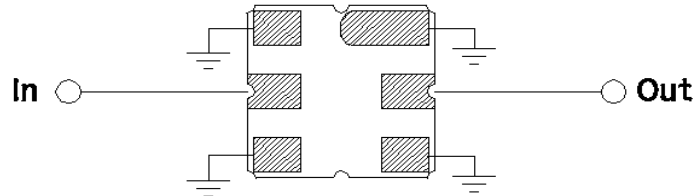
Those impedances could be modified with different impedance values and/or structures, if necessary

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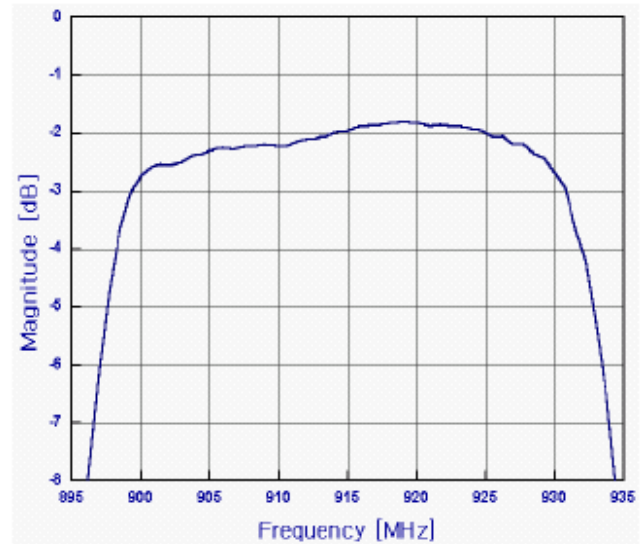
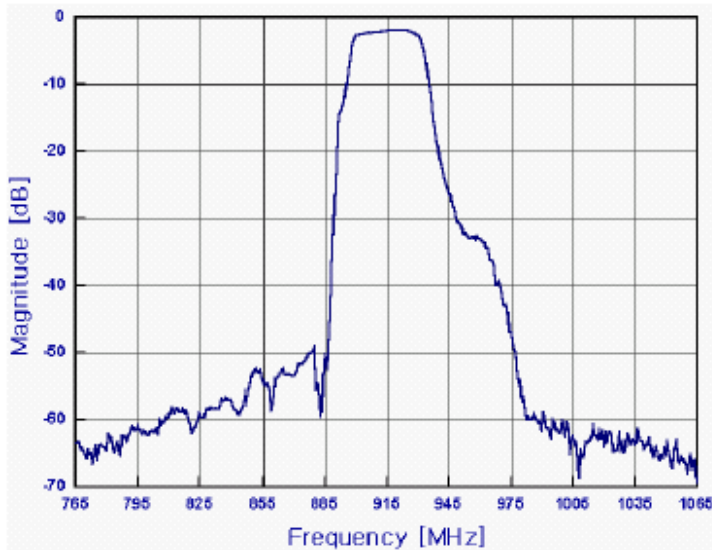
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TESTING ENVIRONMENT

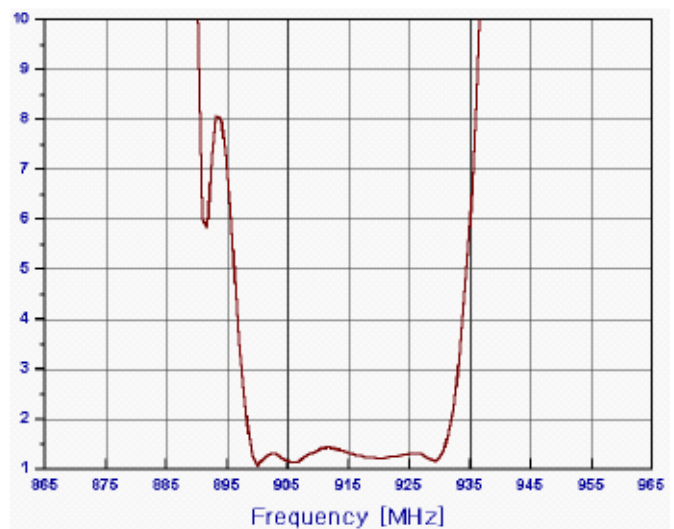
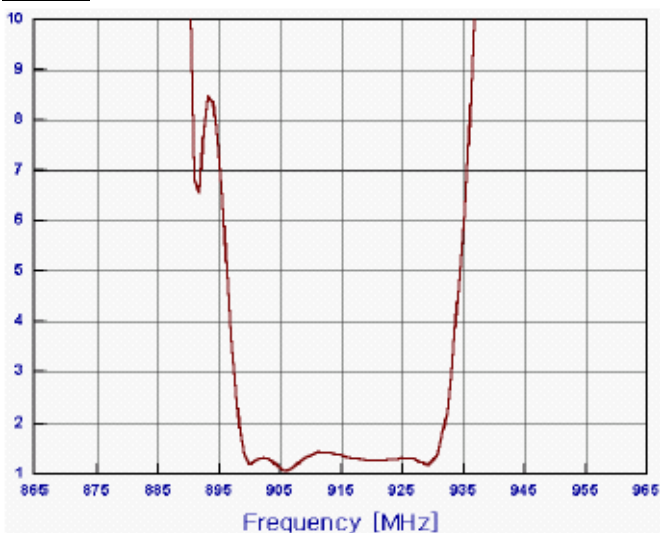


Source & Load Impedance: 50 Ω

FREQUENCY RESPONSE



VSWR



RSAW-BPF-902-928M-S-k

Specifications may be subject to change

02/04/09

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Smith Chart

