Document No. : SXC12670-01

KYOCERA SAW Filter

- 1411 size 920MHz Filter (support Band8) -

Type Name : SF14-0925M5UUP1

Jan., 16, 2025

KYOCERA Corporation

Corporate Electronic Components Group

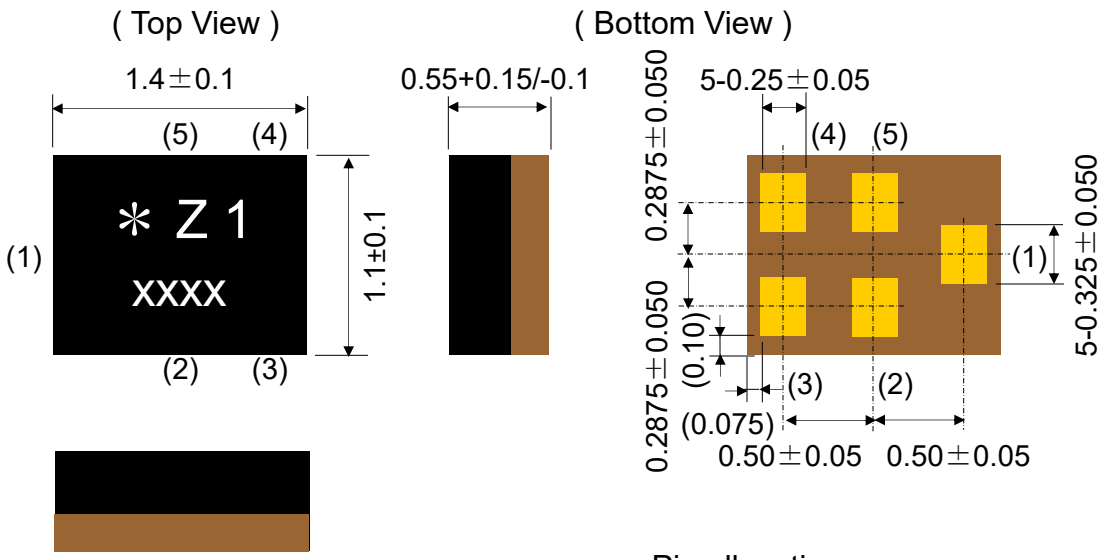
Electronic Devices Division

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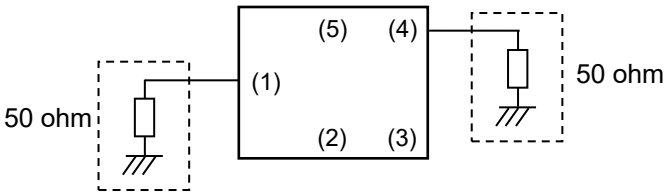
Dimensions & Test Circuit of SAW Filter

Dimensions



Pin allocation

Test Circuit



＊ : Identification mark
Z1 : Identification no.
xxxx : Production code

Pin No.	Function
(1)	Input
(2)	GND
(3)	GND
(4)	Output
(5)	GND

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Rating

Items	Rating	Unit	Note
Operating Temperature Range	-40 to +85	deg.C	
Storage Temperature Range	-40 to +85	deg.C	
Max Input Power	+17	dBm	5,000hr, CW, Ta=50deg.C
Nominal Input Impedance	50	ohm	Unbalance
Nominal Output Impedance	50	ohm	Unbalance

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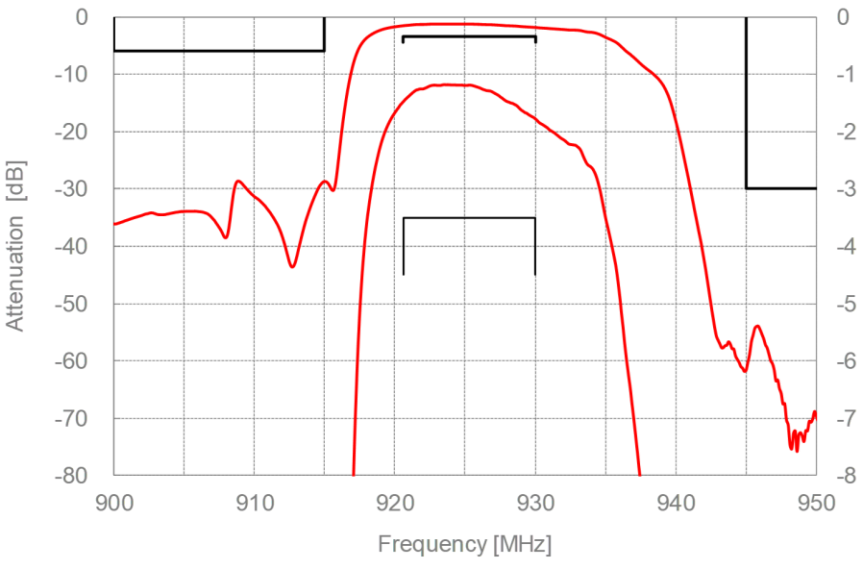
Characteristic table

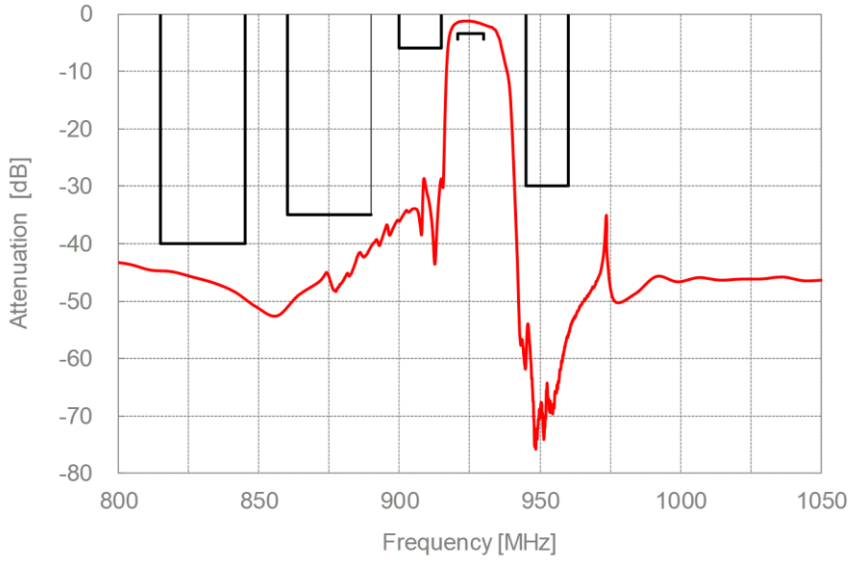
Items	Frequency Range [MHz]	Kyocera SF14-0925M5UUP1 Specification			Unit	Notes
		min.	typ.	max.		
Nominal Frequency	-		925		MHz	
Insertion loss	920.6 to 930	-	1.8	4.5	dB	
		-	1.8	3.5	dB	-20～+60℃
Ripple(peak to peak)	920.6 to 930	-	0.6	3.5	dB	
Input VSWR	920.6 to 930	-	1.4	2.2	-	
Output VSWR	920.6 to 930	-	1.5	2.2	-	
Absolute attenuation	815 to 845	40	45	-	dB	
	860 to 890	35	41	-	dB	
	900 to 915	4	28	-	dB	
		6	28	-	dB	-20～+60℃
	945 to 960	30	54	-	dB	

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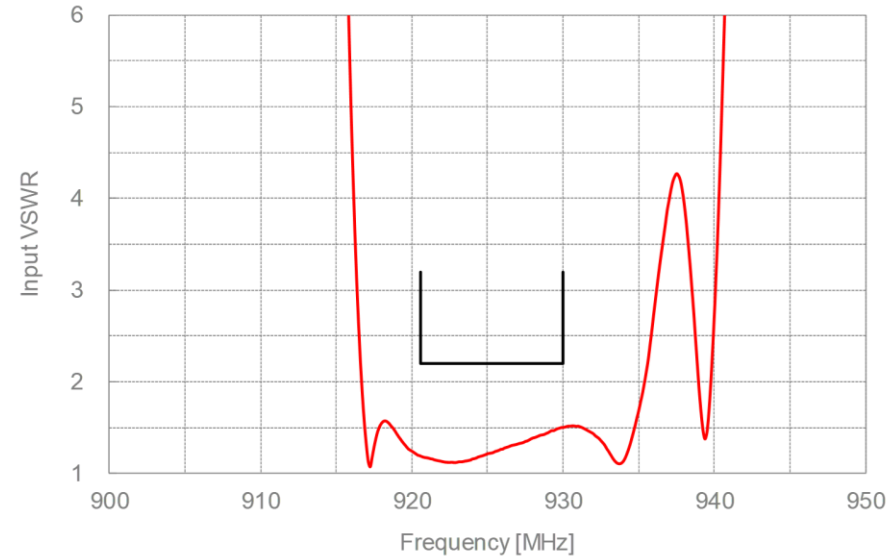
Typical Curve Data

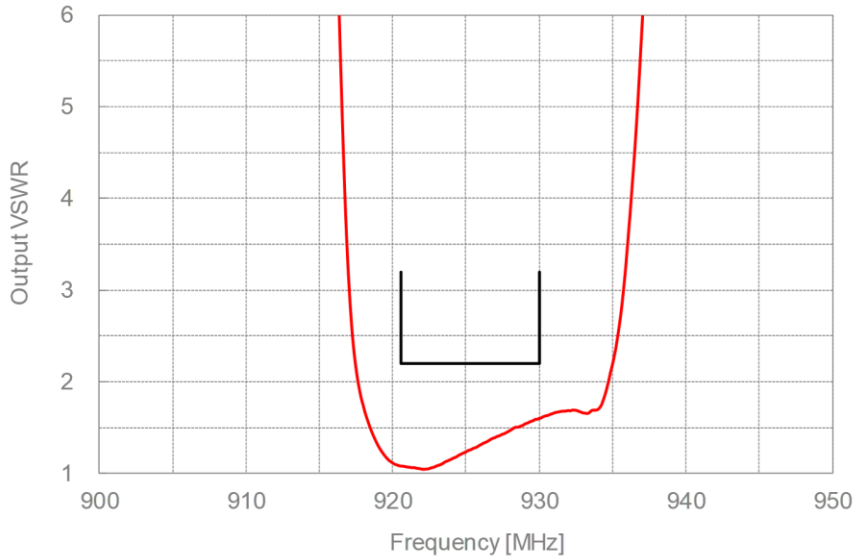




SF14-0925
M5UUP1

Specification





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