

Datasheet of SAW Filter

1411 ISM 2.4GHz

AEC-Q200 Grade 2

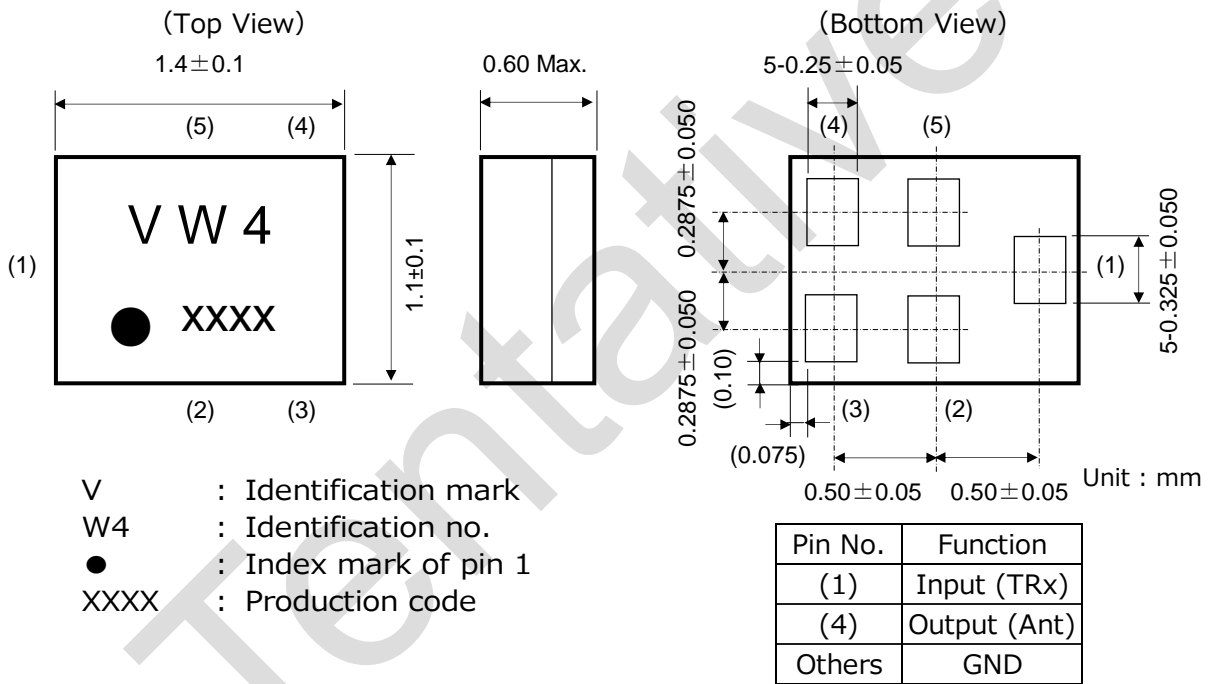
KYOCERA Part No. : VF14-2442M5UUB1

< Note > This specification may be subject to change.

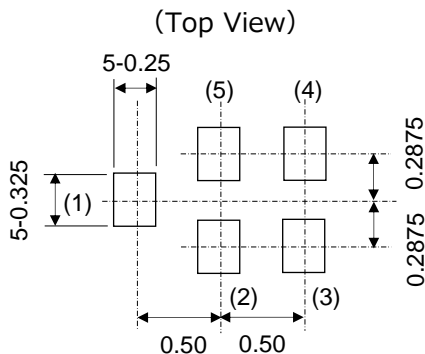
Rating

Items	Rating	Unit	Note
Operating Temperature Range	-40 to 105	deg.C	
Storage Temperature Range	-40 to 105	deg.C	
Max Input Power In Band	25	dBm	5,000Hours, Ta=50deg.C ,CW
ESDLevel Human Body Model	100	Volt	Complied to JESD22-A114
Input Port Nominal Impedance	50 // 3.6nH (shunt)	ohm	Unbalance
Output Port Nominal Impedance	50 // 3.9nH (shunt)	ohm	Unbalance
AEC-Q200	Grade 2		Complied to AEC-Q200

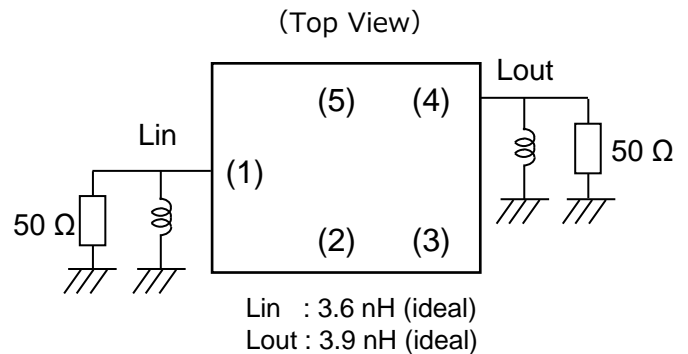
Dimensions



Recommendable Land Pattern



Measurement Circuit



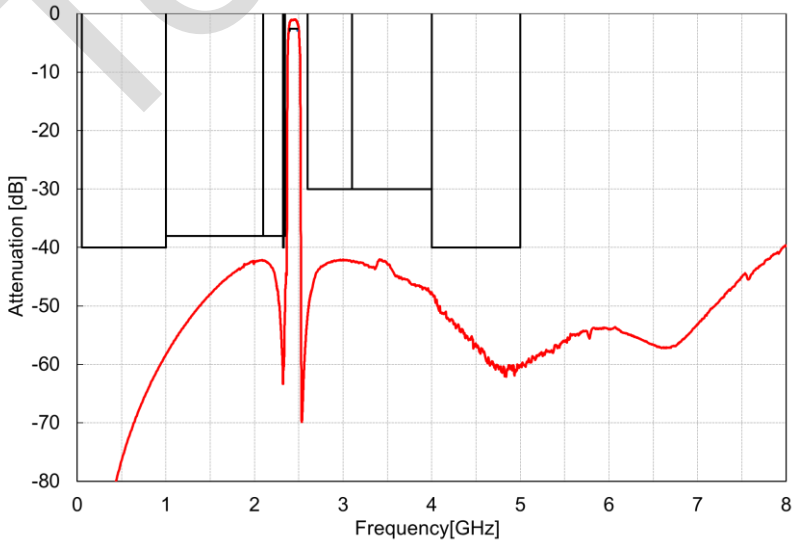
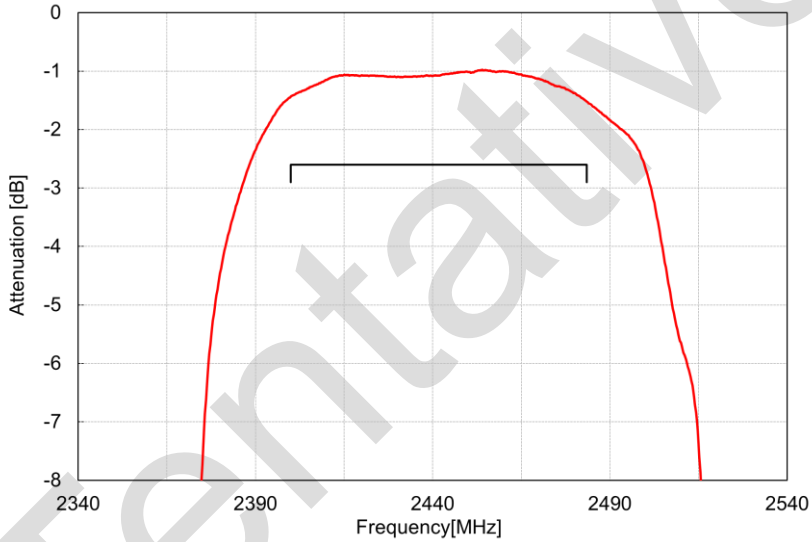
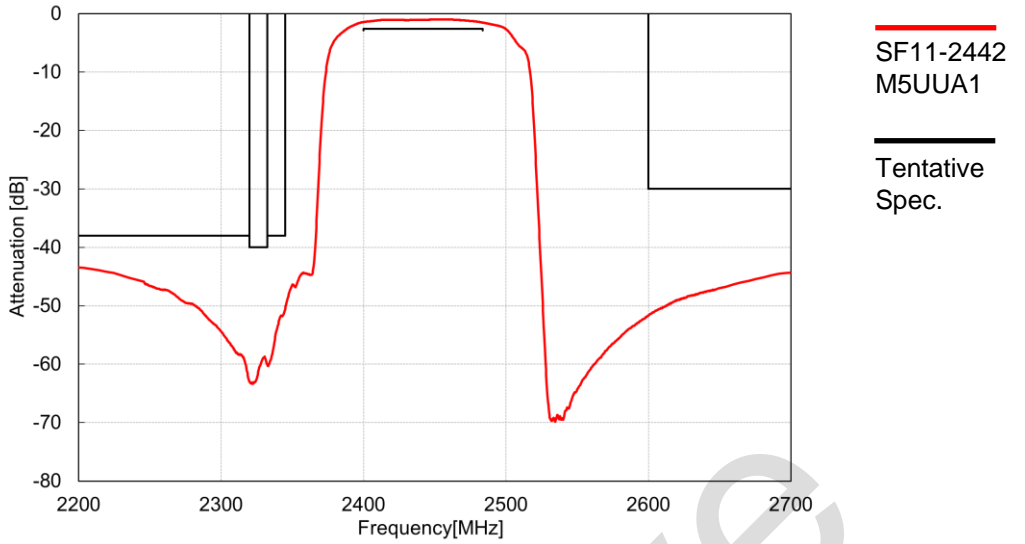
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Electrical Characteristics

Items	Frequency (MHz)		Unit	Kyocera Tentative Spec.			Note
				min.	typ.	max.	
Insertion Loss	2400	to 2483.5	dB	-	1.5	2.6	
Ripple	2400	to 2483.5	dB	-	0.5	2.0	
Input VSWR	2400	to 2483.5	-	-	1.5	2.2	
Output VSWR	2400	to 2483.5	-	-	1.5	2.2	
Attenuation	50	to 1000	dB	40	58	-	
	1000	to 2100	dB	38	42	-	
	2100	to 2320	dB	38	42	-	
	2320	to 2332.5	dB	40	59	-	
	2332.5	to 2345	dB	38	50	-	
	2600	to 3100	dB	30	42	-	
	3100	to 4000	dB	30	42	-	
	4000	to 5000	dB	40	48	-	

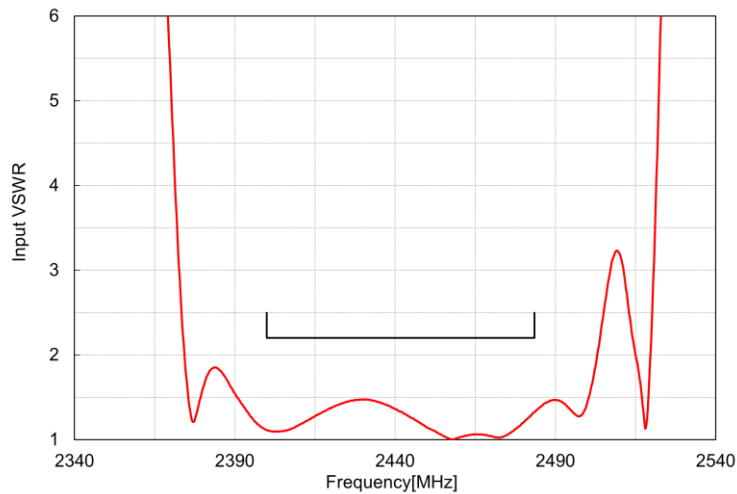
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Electrical Characteristics

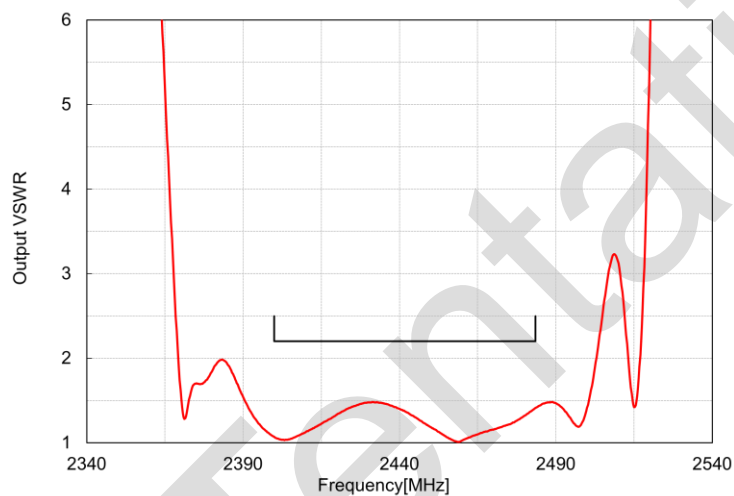
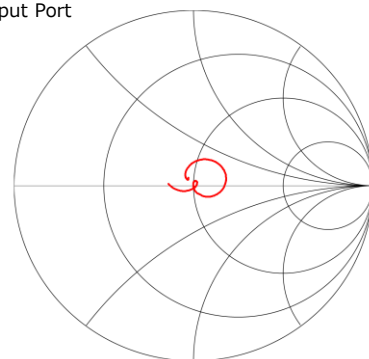


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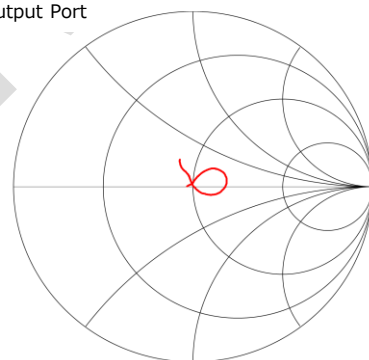
Electrical Characteristics



Input Port



Output Port



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