

Datasheet of SAW Filter

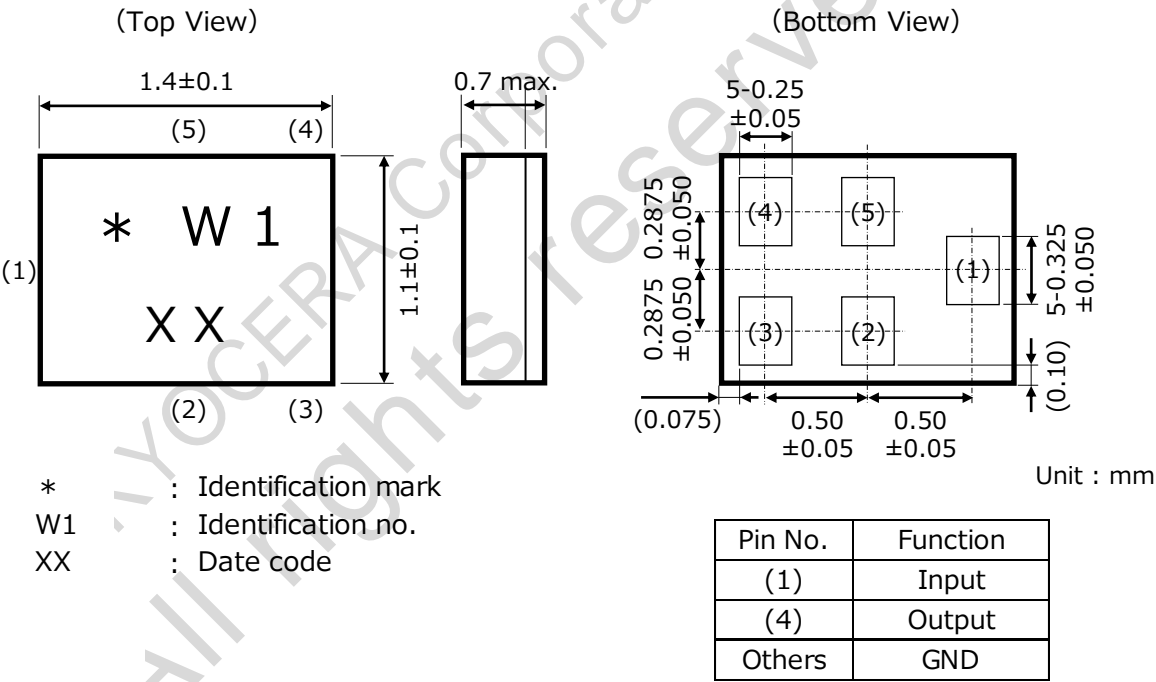
1411 ISM2.4GHz

KYOCERA Part No. : SF14-2446M5UUP3

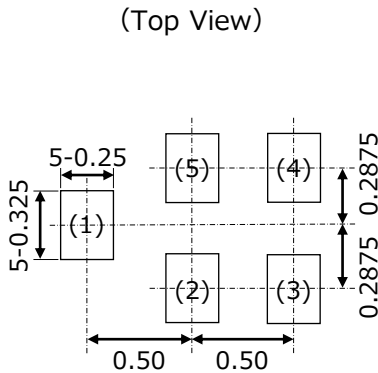
Rating

Items	Rating	Unit	Note
Operating Temperature Range	-40 to +85	deg.C	
Storage Temperature Range	-40 to +85	deg.C	
Max Input Power	+24	dBm	10,000Hours,Ta=65deg.C, CW
Input Port Nominal Impedance	50//2.7nH	ohm	Unbalance
Output Port Nominal Impedance	50//2.7nH	ohm	Unbalance

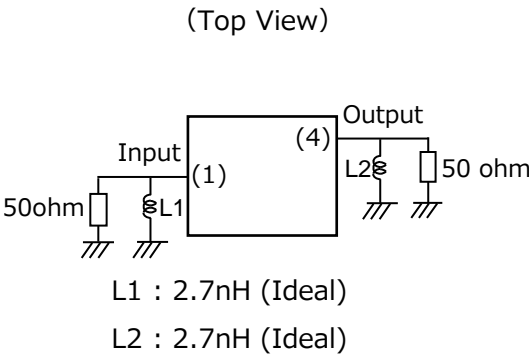
Dimensions



Recommendable Land Pattern



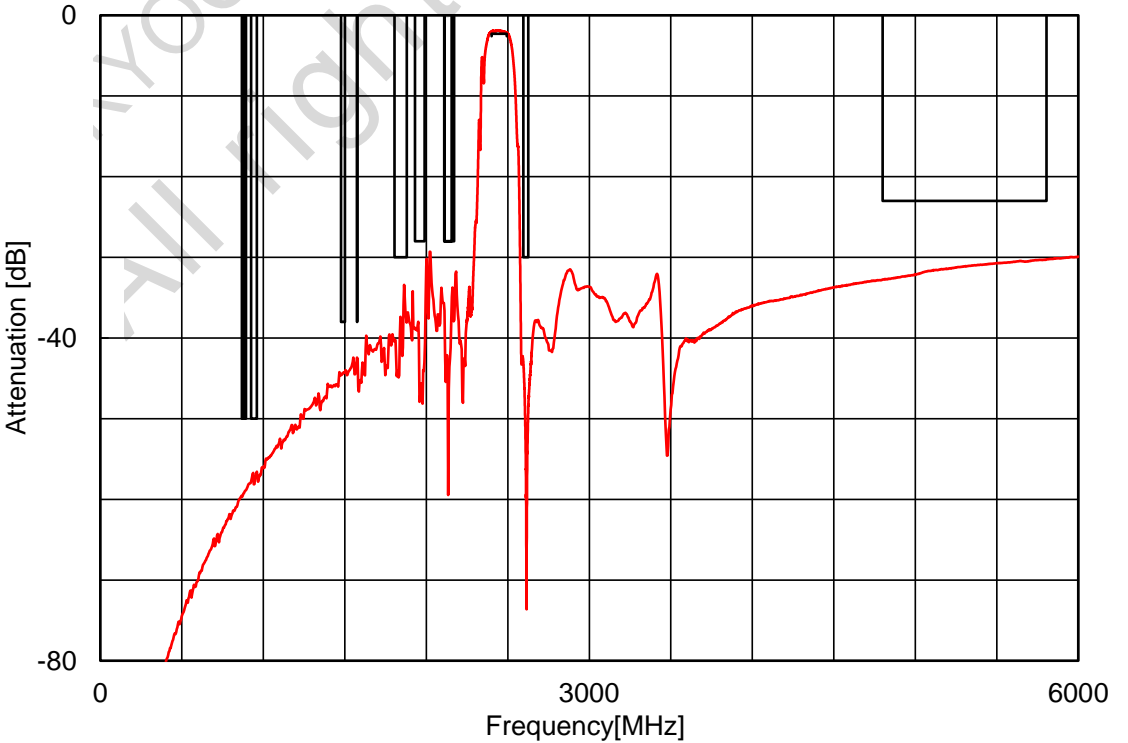
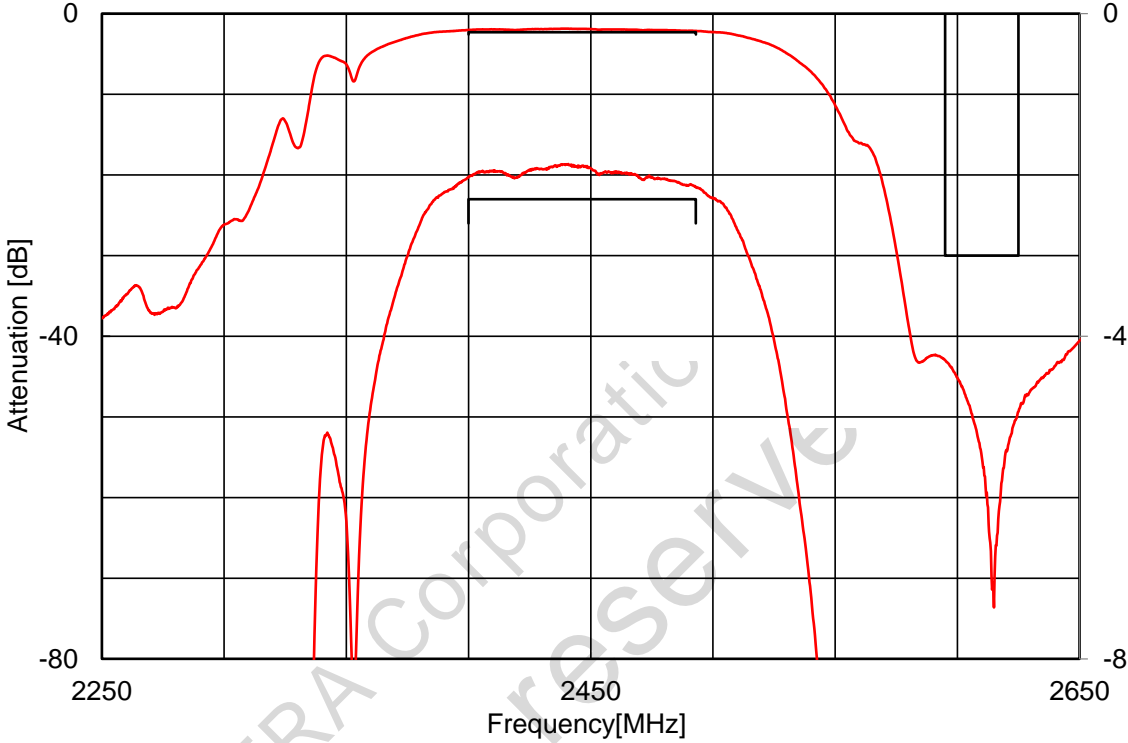
Measurement Circuit



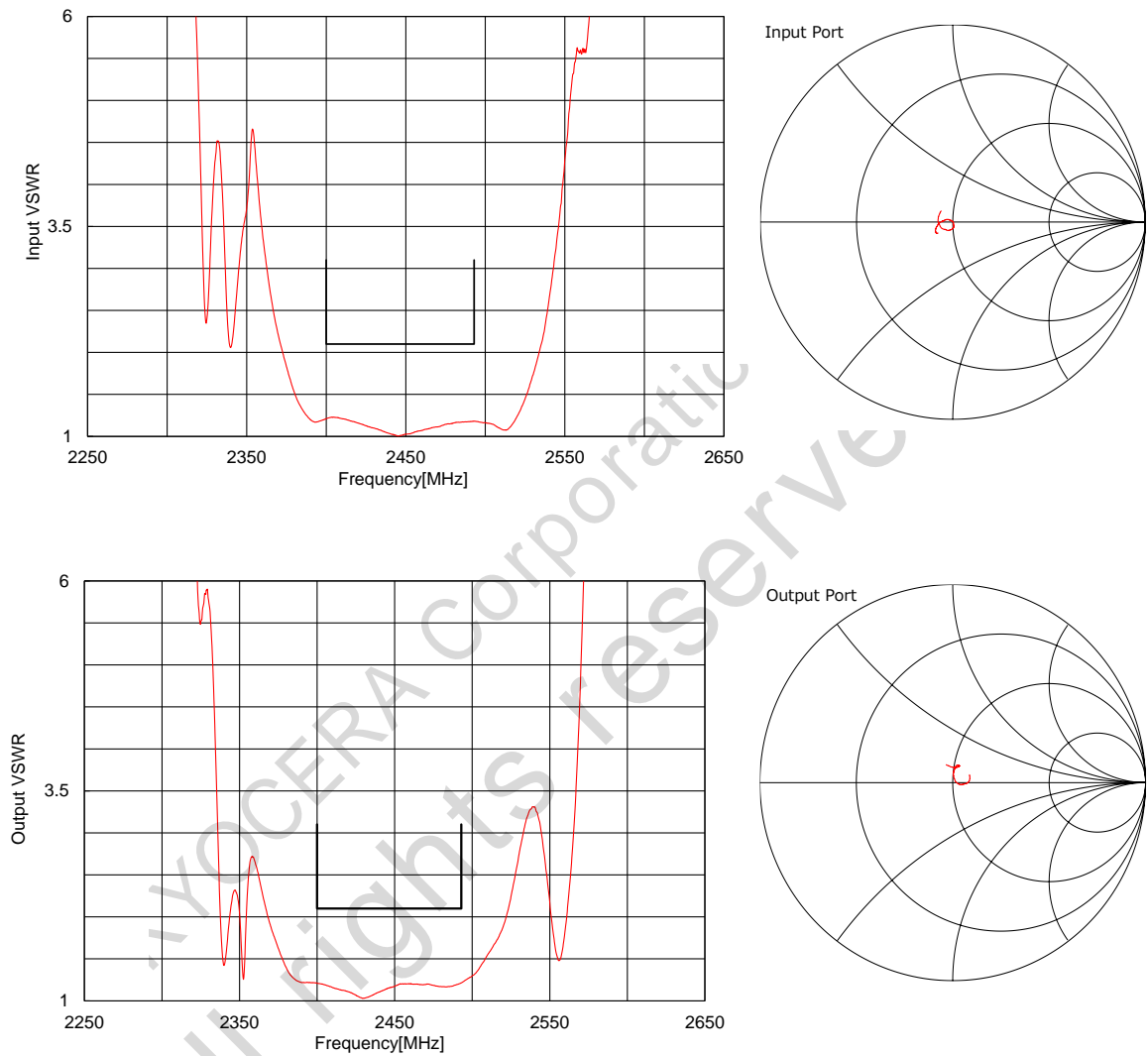
Electrical Characteristics

ITEMS	Frequency (MHz)			Characteristics			Unit	Note
				min.	typ.	max.		
Normal Center Frequency	-			2446.5			MHz	
Insertion Loss	2400	to	2493	-	1.5	2.3	dB	
Ripple	2400	to	2493	-	0.3	1.4	dB	
Input VSWR	2400	to	2493	-	1.3	2.1	-	
Output VSWR	2400	to	2493	-	1.3	2.1	-	
Absolute Attenuation	875	to	885	50	59	-	dB	
	869	to	894	50	58	-	dB	
	925	to	960	50	56	-	dB	
	1477	to	1501	38	44	-	dB	
	1574.42	to	1576.42	38	44	-	dB	
	1805	to	1880	30	37	-	dB	
	1930	to	1990	28	33	-	dB	
	2110	to	2155	28	38	-	dB	
	2110	to	2170	28	36	-	dB	
	2595	to	2625	30	39	-	dB	
	4800	to	5805	23	27	-	dB	

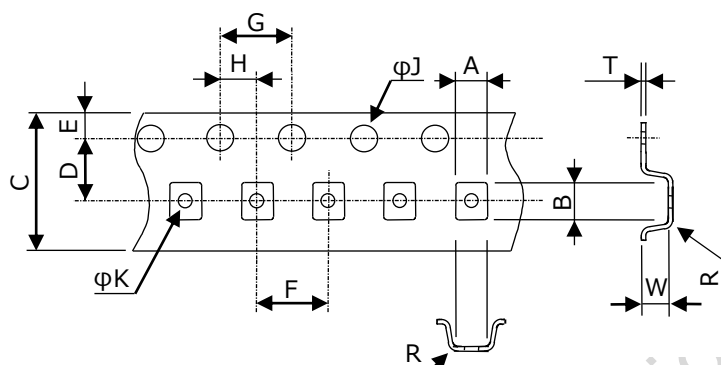
Electrical Characteristics



Electrical Characteristics

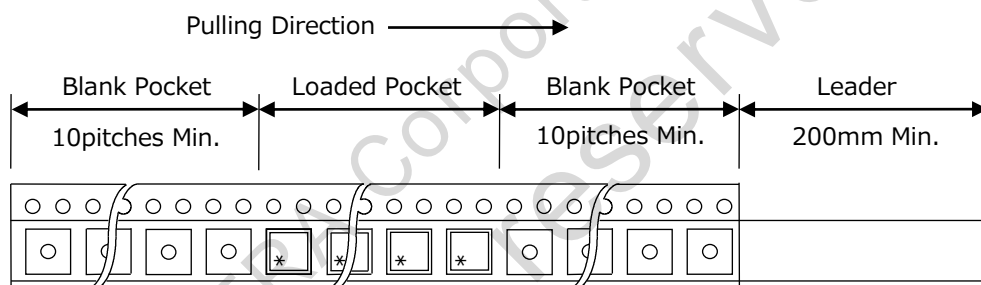


[Tape]

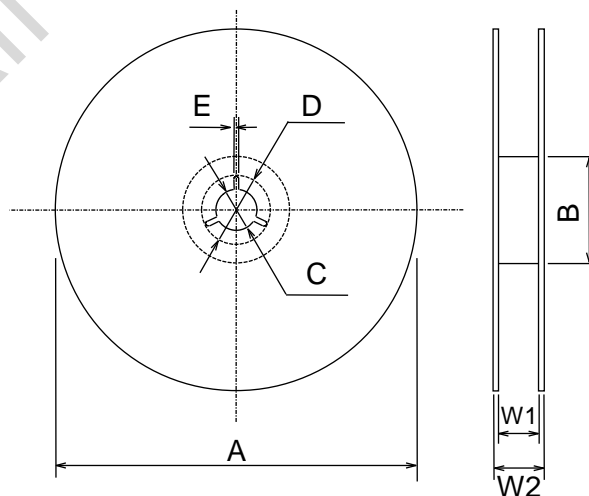


Unit : mm	
Part	Dimension
A	1.3±0.05
B	1.6±0.05
C	8.0±0.15
D	3.5±0.05
E	1.75±0.1
F	4.0±0.1
G	4.0±0.1
H	2.0±0.05
φJ	1.5+0.1/-0
φK	0.5±0.1
R	0.2 Max
W	0.7±0.05
T	0.2±0.05

W : Dimension is depth of pockets.



[Reel]



Part	A	B	C	D
Dimension	180 +0/-1.5	60 +1.0/-0	13 ± 0.2	21 ± 0.8
Part	E	W1	W2	
Dimension	2 ± 0.5	9.0 +1.0/-0	11.4 ± 1.0	

Unit : mm

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