

# Datasheet of SAW Filter

## 1411 Band41n TRx

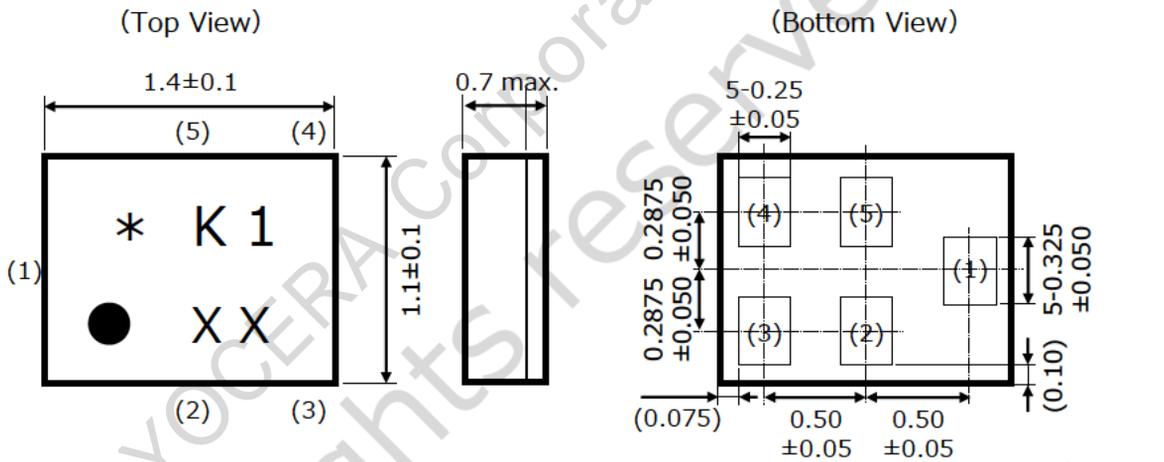
KYOCERA Part No. : SF14-2605M5UUA1

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### Rating

Items	Rating	Unit	Note
Operating Temperature Range	-20 to +85	deg.C	
Storage Temperature Range	-40 to +85	deg.C	
Max Input Power (TRx port)	+29	dBm	5,000Hours, Ta=50deg.C, CW
TRx Port Nominal Impedance	50//2.2nH	ohm	Unbalance
Ant. Port Nominal Impedance	50//2.2nH	ohm	Unbalance

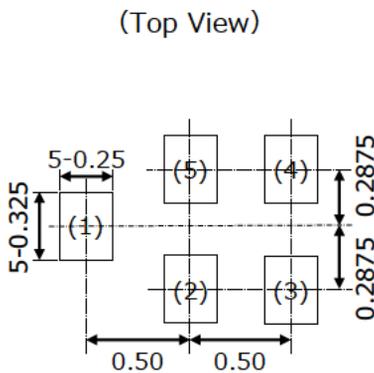
### Dimensions



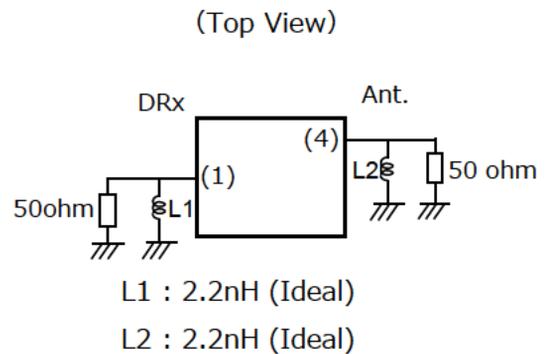
- \* : Identification logo
- K1 : Identification no.
- : Index mark of pin 1
- XX : Date code

Pin No.	Function
(1)	Input(TRx)
(4)	Output(Ant.)
Others	GND

### Recommendable Land Pattern



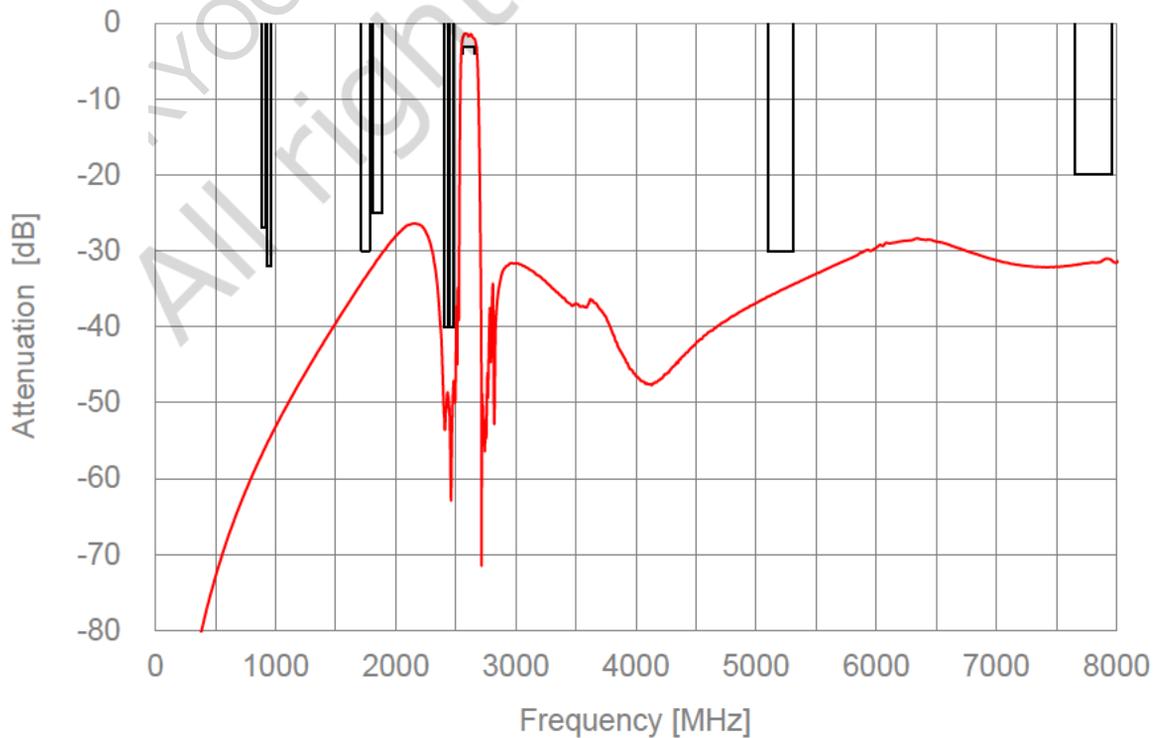
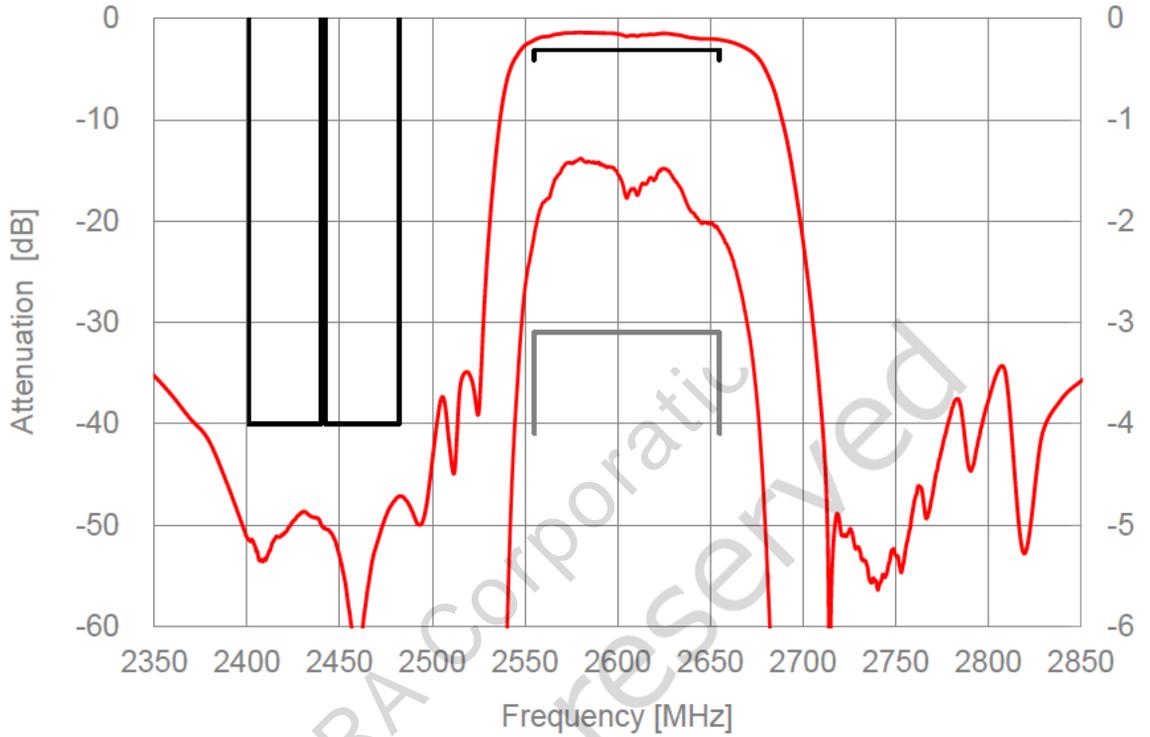
### Measurement Circuit



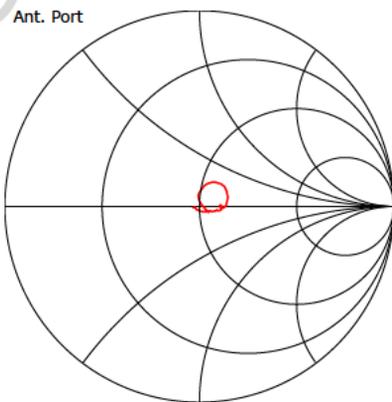
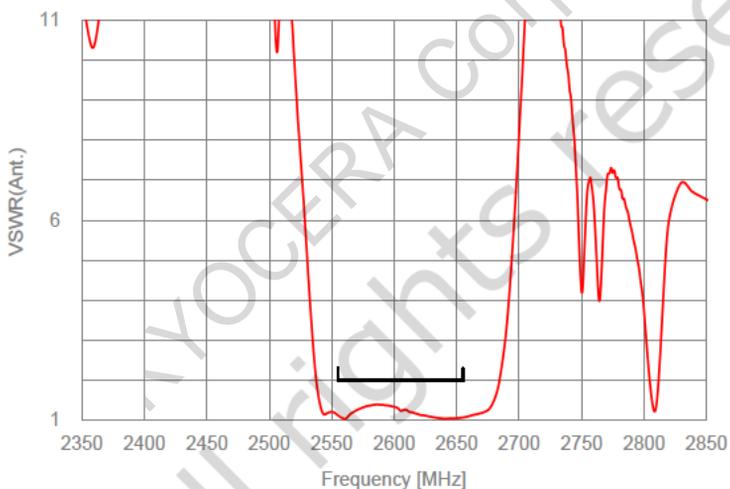
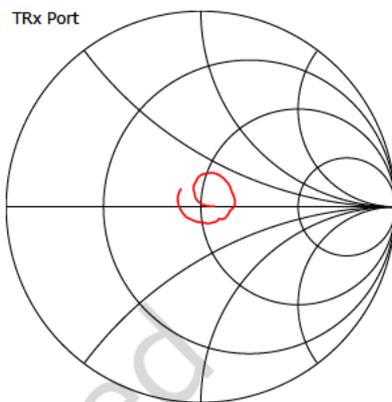
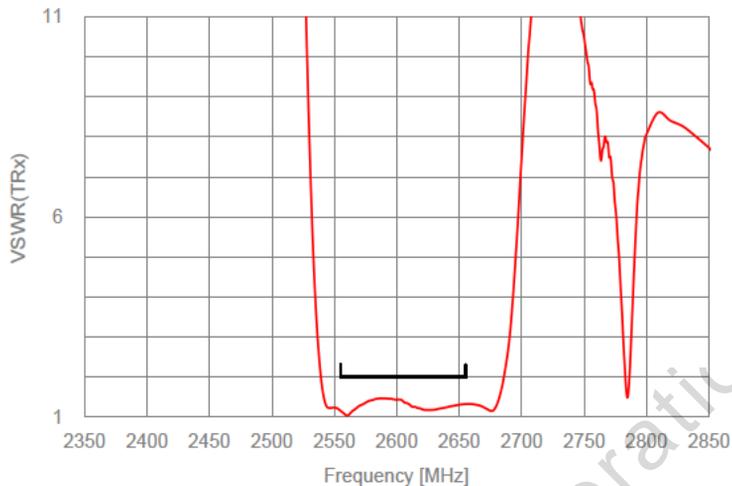
## Electrical Characteristics

Items	Frequency (MHz)		Characteristics			Unit	Note
			min.	typ.	max.		
Nominal Center Frequency	-		2605			MHz	
Insertion Loss	2555	to 2655	-	2.1	3.1	dB	
Input VSWR	2555	to 2655	-	1.5	2.0	-	
Output VSWR	2555	to 2655	-	1.4	2.0	-	
Absolute Attenuation	880	to 915	32	56	-	dB	
	925	to 960	27	54	-	dB	
	1710	to 1785	30	33	-	dB	
	1805	to 1880	25	30	-	dB	
	2401	to 2440	40	49	-	dB	
	2442	to 2482	40	47	-	dB	
	5100	to 5310	30	34	-	dB	
	7650	to 7965	20	31	-	dB	

**Electrical Characteristics**



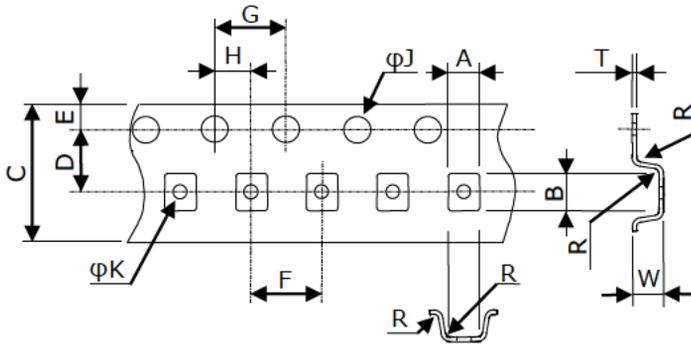
### Electrical Characteristics



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### Tape & Reel Specification

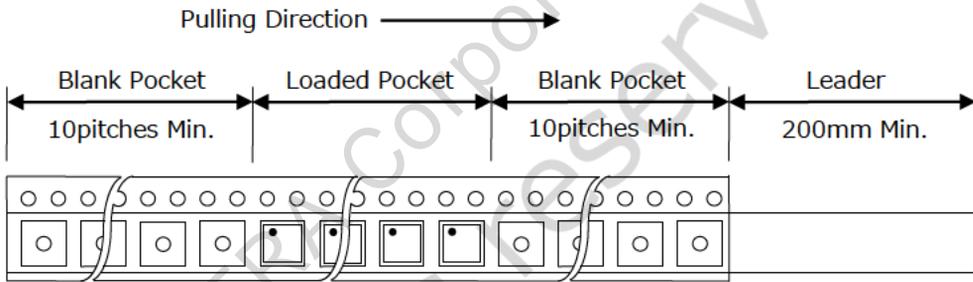
#### [Tape]



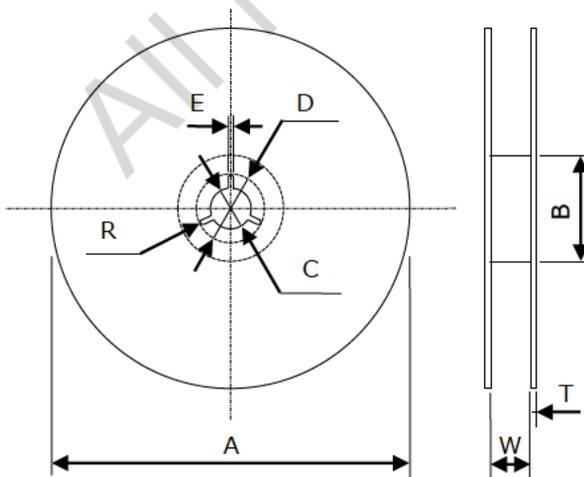
Unit : mm

Part	Dimension
A	1.30±0.05
B	1.60±0.05
C	8.00±0.15
D	3.50±0.05
E	1.75±0.10
F	4.0±0.1
G	4.0±0.1
H	2.00±0.05
φJ	1.5+0.1/-0
φK	0.5±0.1
R	0.2 Max
W	0.70±0.05
T	0.20±0.05

W : Dimension is depth of pockets.



#### [Reel]



Unit : mm

Part	Dimension
A	178 ± 2
B	60 ± 2
C	13.0 ± 0.2
D	21.0 ± 0.8
E	2.0 ± 0.5
R	1
W	9.5 ± 1.0
T	2.0 ± 0.2

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