

Datasheet of SAW Filter

1109 Band41n TRx

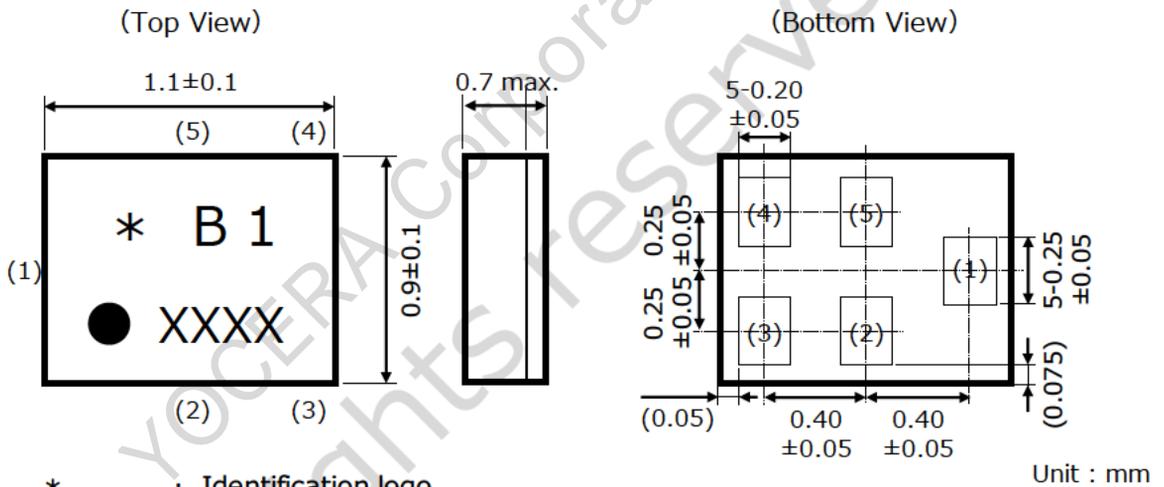
KYOCERA Part No. : SF11-2595B5UUA1

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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//3.3nH	ohm	Unbalance
Ant. Port Nominal Impedance	50//2.4nH	ohm	Unbalance

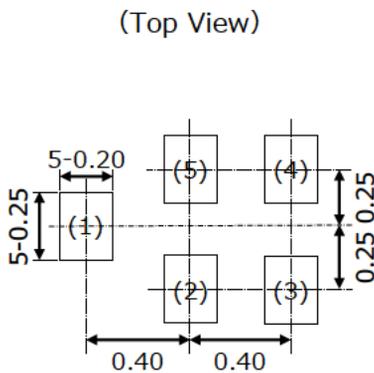
Dimensions



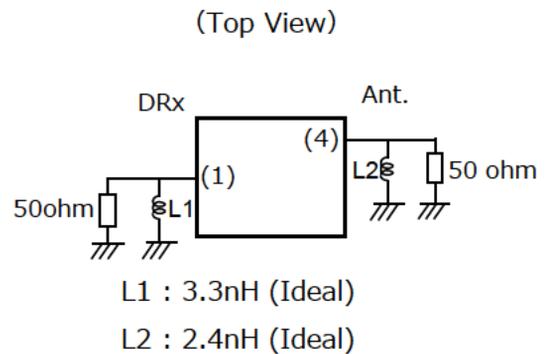
- * : Identification logo
- B1 : Identification no.
- : Index mark of pin 1
- XXXX : Production code

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

Recommendable Land Pattern



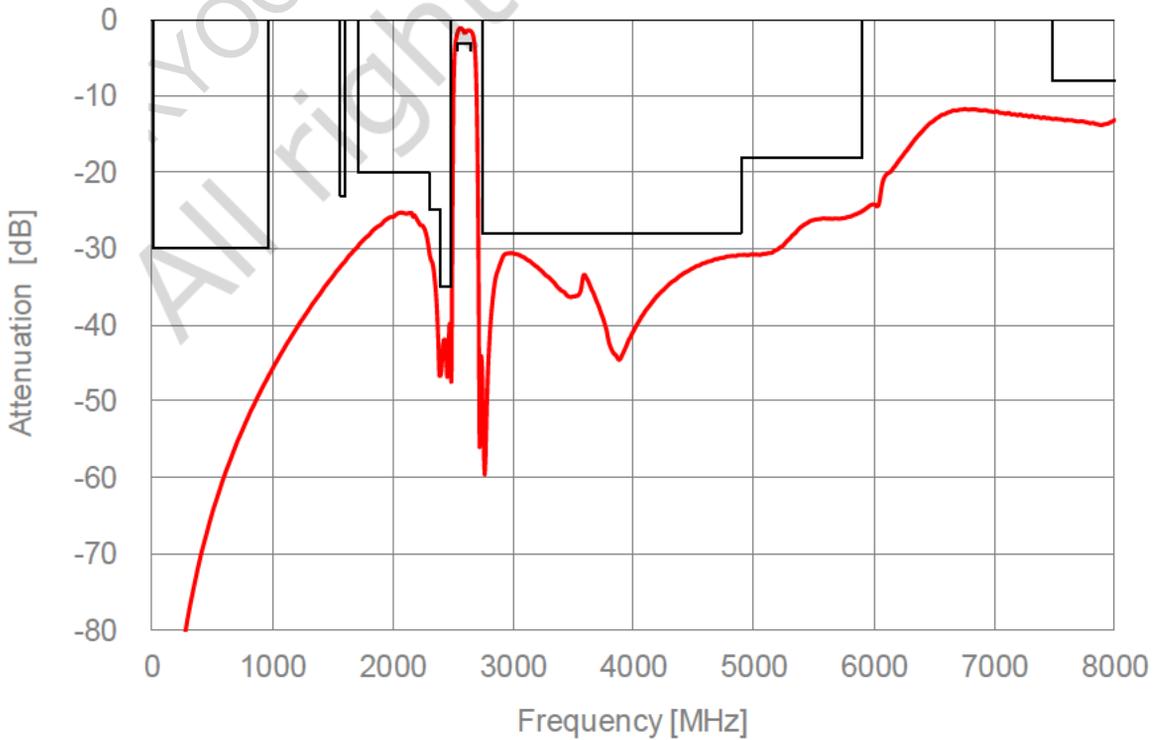
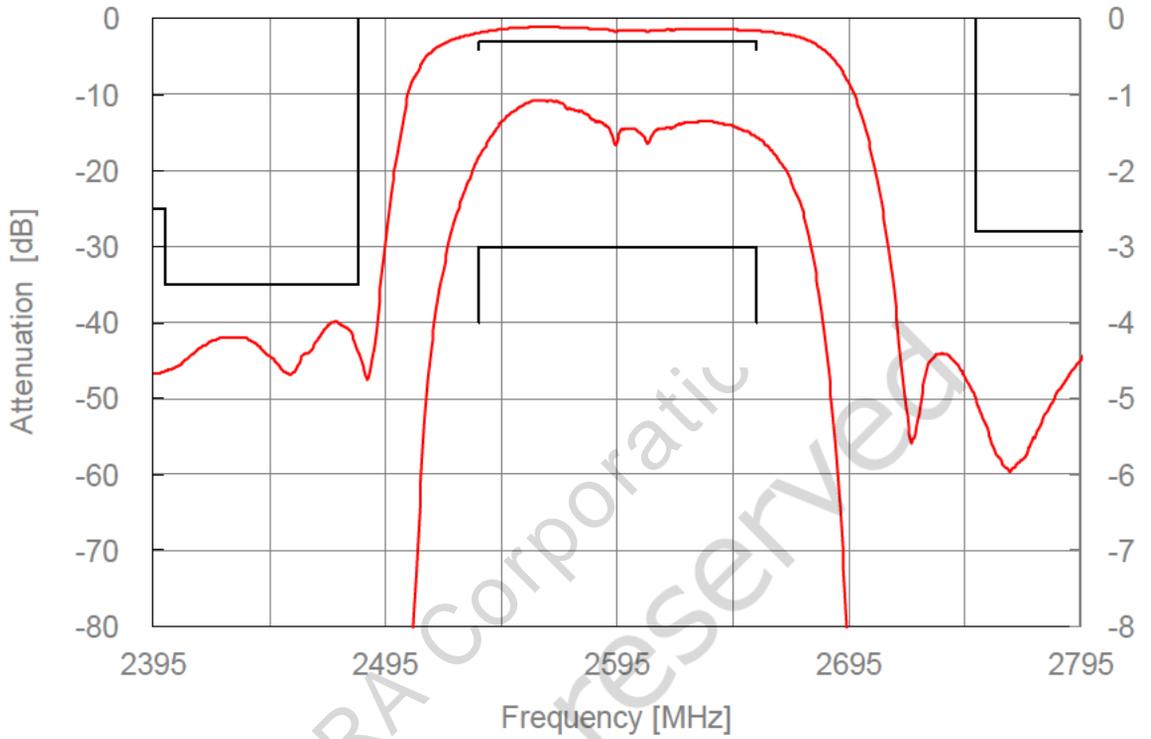
Measurement Circuit



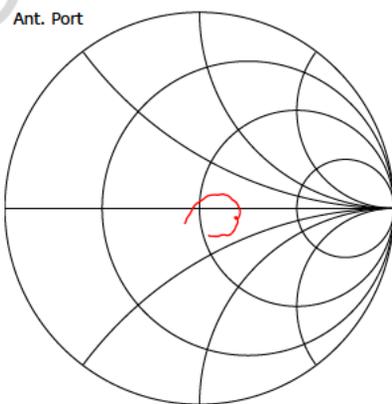
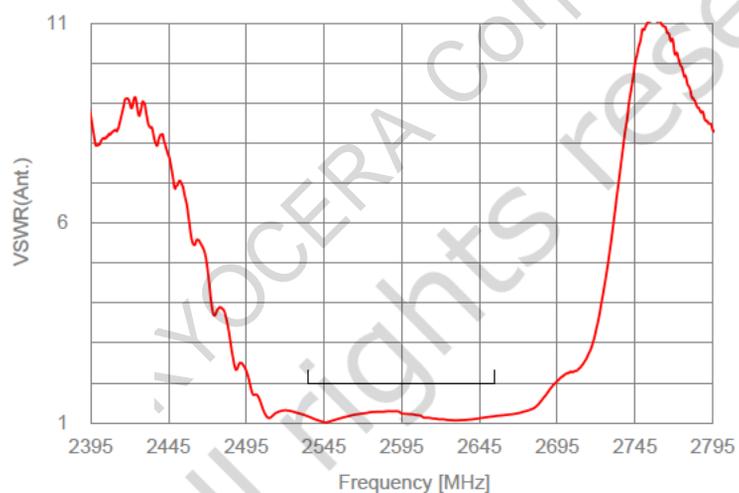
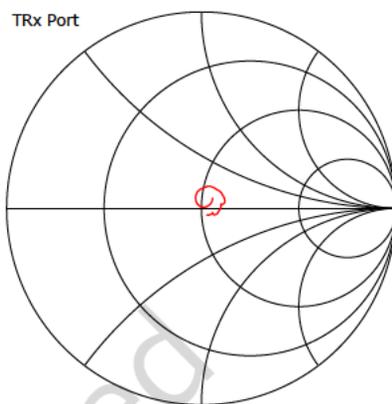
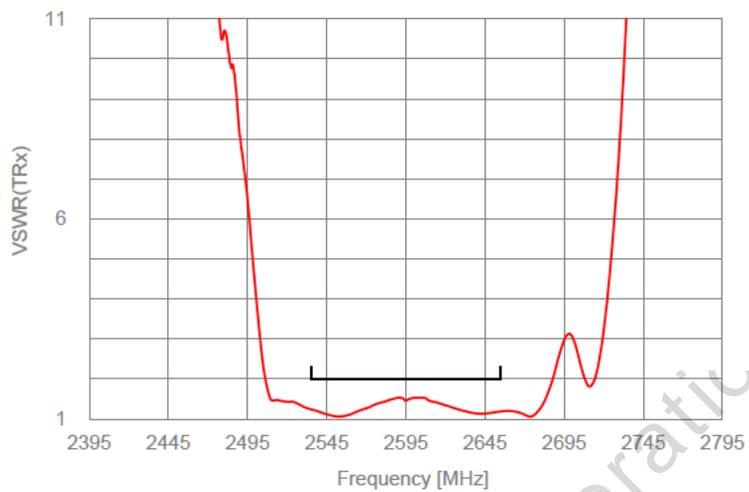
Electrical Characteristics

Items	Frequency (MHz)	Characteristics			Unit	Notes
		min.	Typ.	max.		
Nominal Center Frequency	-	2595			MHz	
Insertion Loss	2535 to 2655	-	1.8	3.0	dB	
	2570 to 2620	-	1.7	2.2	dB	
Ripple	2535 to 2655	-	0.8	2.0	dB	
Ant VSWR	2535 to 2655	-	1.3	2.0	-	
TRx VSWR	2535 to 2655	-	1.5	2.0	-	
Absolute Attenuation	10 to 960	30	47	-	dB	
	1560 to 1600	23	32	-	dB	
	1710 to 2300	20	25	-	dB	
	2300 to 2400	25	30	-	dB	
	2400 to 2483	35	40	-	dB	
	2750 to 4900	28	31	-	dB	
	4900 to 5900	18	25	-	dB	
	7488 to 8070	8	12	-	dB	

Electrical Characteristics

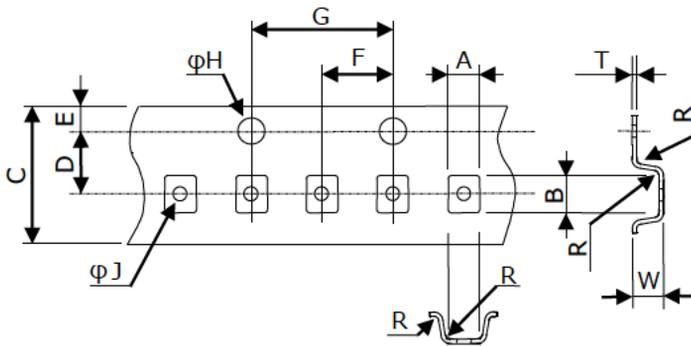


Electrical Characteristics



Tape & Reel Specification

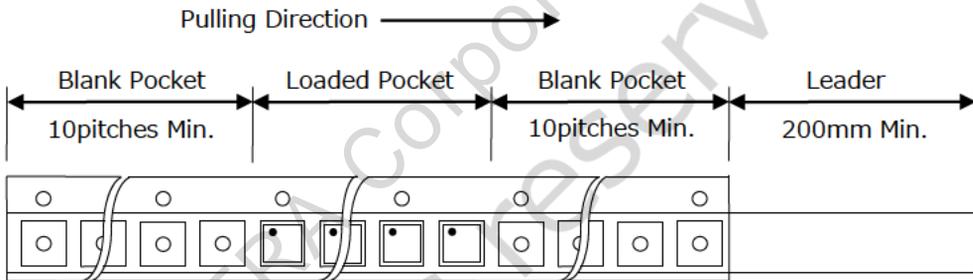
[Tape]



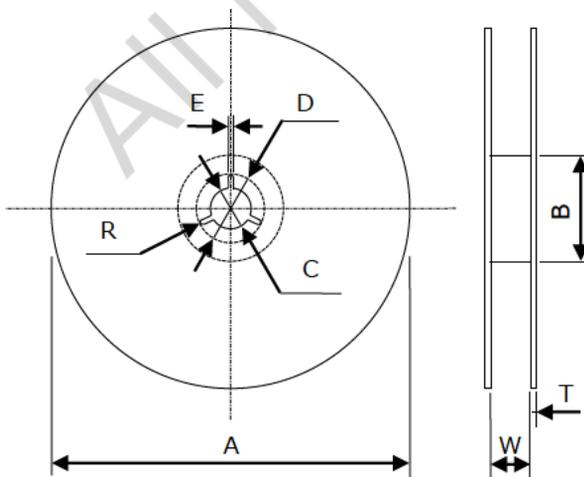
Unit : mm

Part	Dimension
A	1.1±0.1
B	1.3±0.1
C	8.0±0.2
D	3.50±0.05
E	1.75±0.10
F	2.0±0.1
G	4.0±0.1
ϕH	1.5±0.1
ϕJ	0.50±0.05
R	0.1 Max
W	0.60±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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