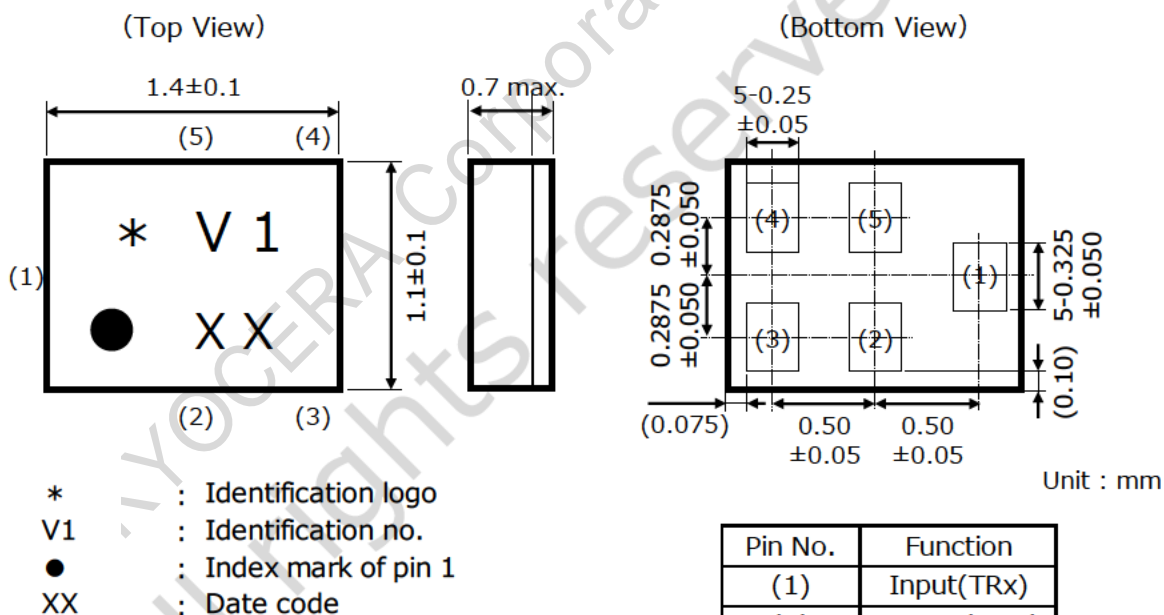


# Datasheet of SAW Filter

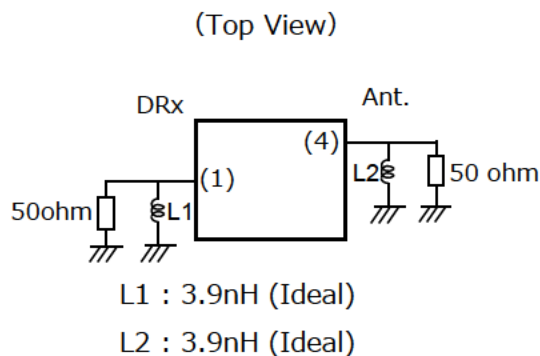
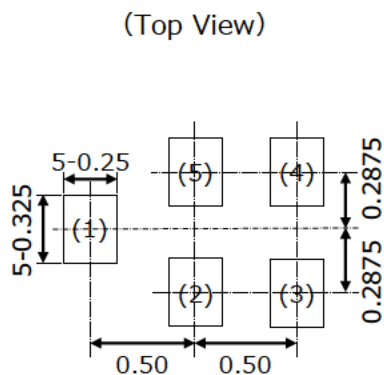
## 1411 Band40 TRx

KYOCERA Part No. : SF14-2350M5UUA1

Items	Rating	Unit	Note
Operating Temperature Range	-30 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//3.9nH	ohm	Unbalance
Ant. Port Nominal Impedance	50//3.9nH	ohm	Unbalance



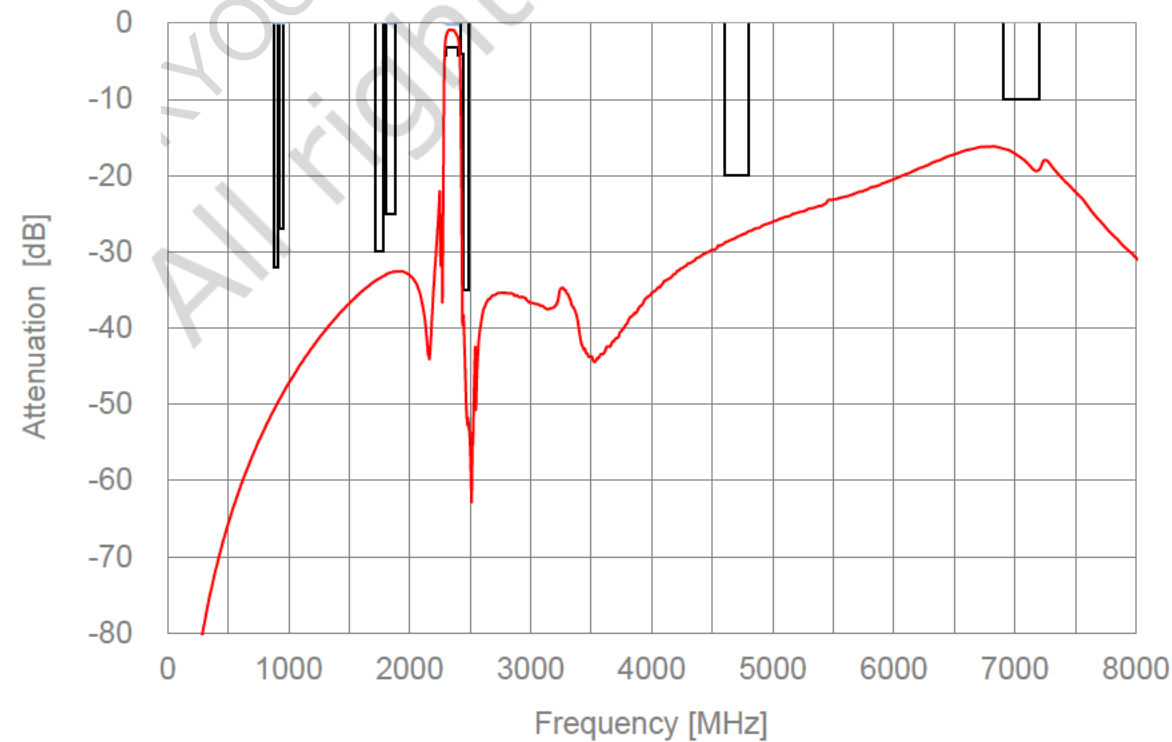
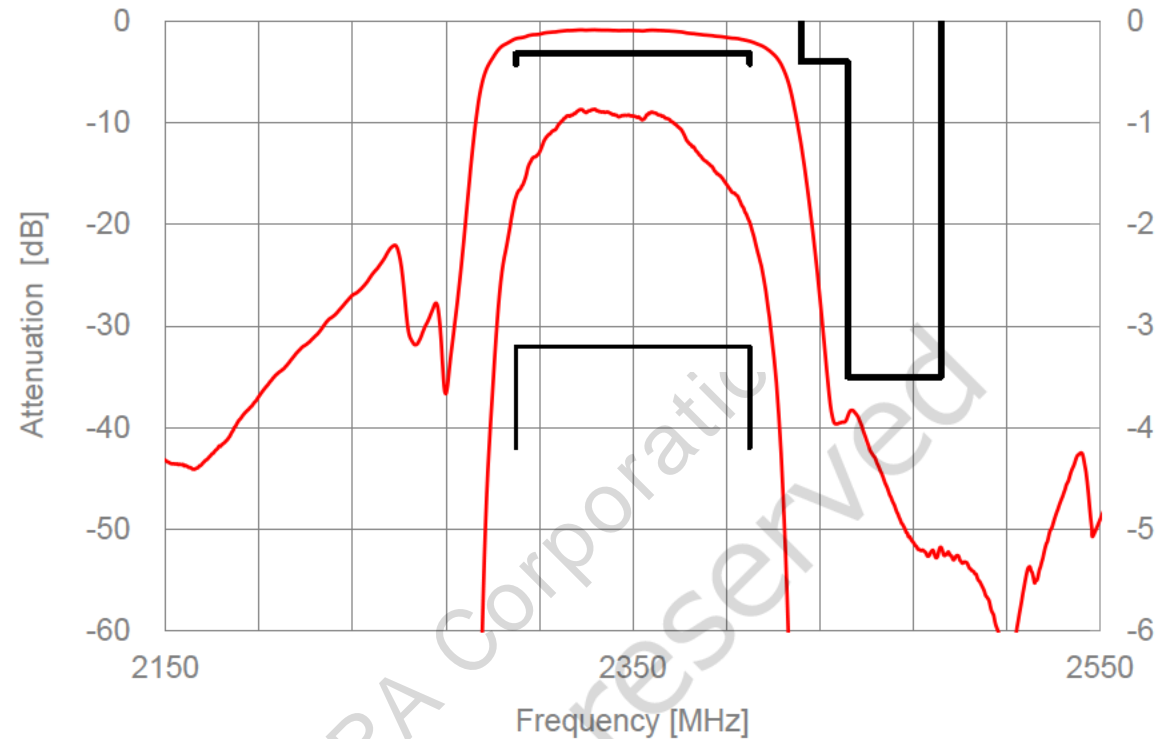
Pin No.	Function
(1)	Input(TRx)
(4)	Output(Ant.)
Others	GND



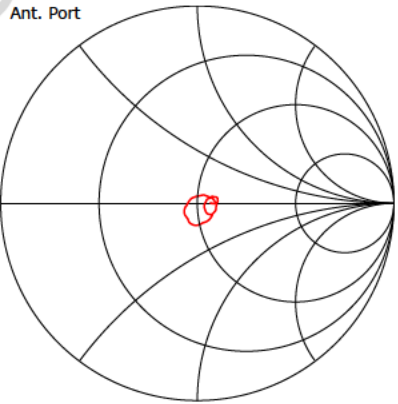
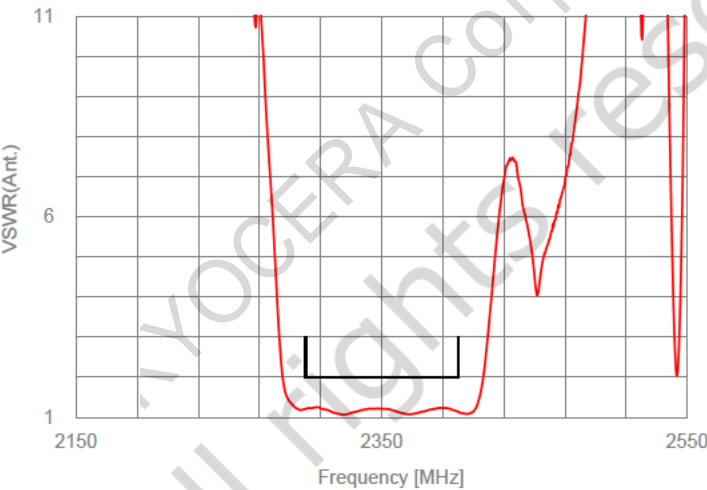
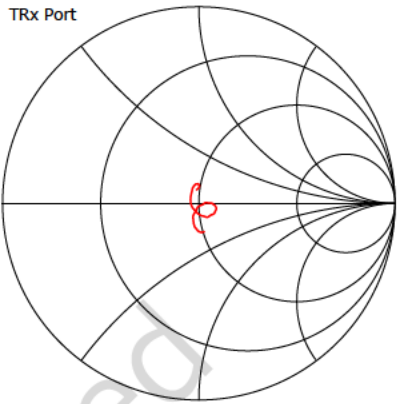
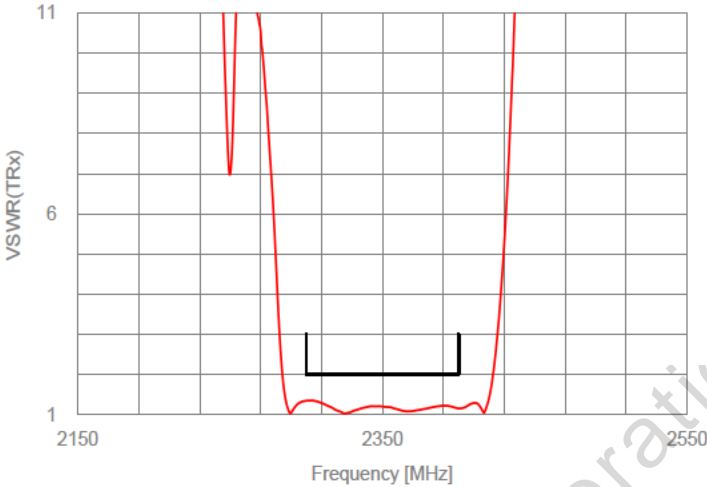
**Electrical Characteristics**

Items	Frequency (MHz)			Characteristics			Unit	Note
				min.	typ.	max.		
Nominal Center Frequency	-			2350			MHz	
Insertion Loss	2300	to	2400	-	2.0	3.2	dB	
Input VSWR	2300	to	2400	-	1.4	2.0	-	
Output VSWR	2300	to	2400	-	1.3	2.0	-	
Absolute Attenuation	880	to	915	32	50	-	dB	
	925	to	960	27	48	-	dB	
	1710	to	1785	30	33	-	dB	
	1805	to	1880	25	33	-	dB	
	2422	to	2442	4	12	-	dB	
	2422	to	2440	10	28	-	dBint	Integrated per 18MHz
	2442	to	2482	35	38	-	dB	
	4600	to	4800	20	27	-	dB	
	6900	to	7200	10	16	-		

**Electrical Characteristics**

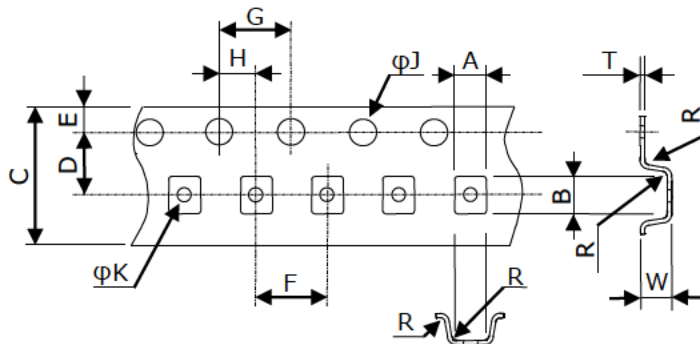


**Electrical Characteristics**



**Tape & Reel Specification**

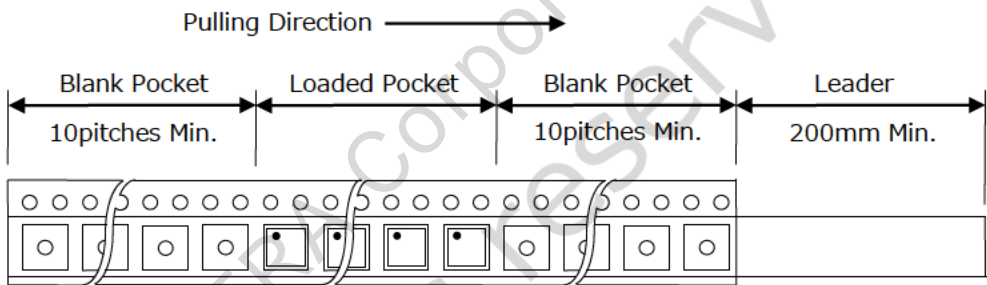
**[Tape]**



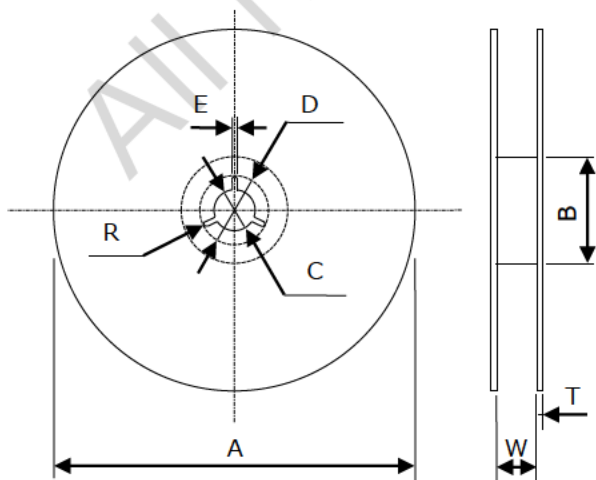
Unit : mm

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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