

# Datasheet of SAW Filter

## 1411 ISM900MHz for US

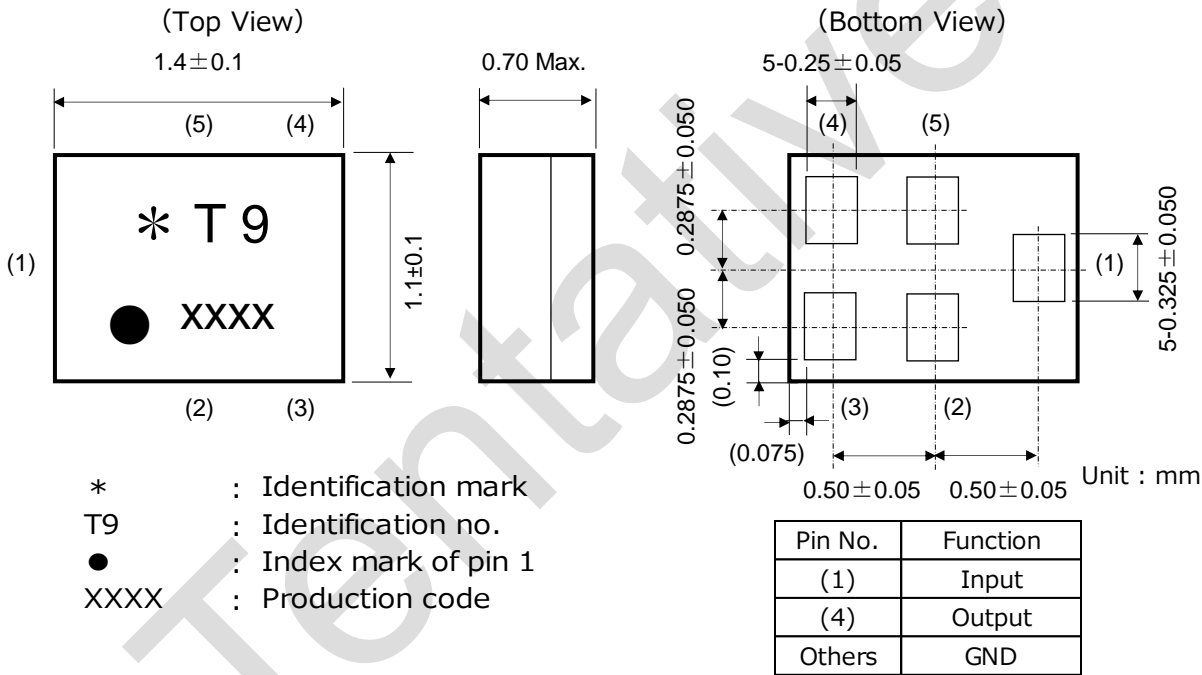
KYOCERA Part No. : SF14-0915M5UUC1

< Note > This specification may be subject to change.

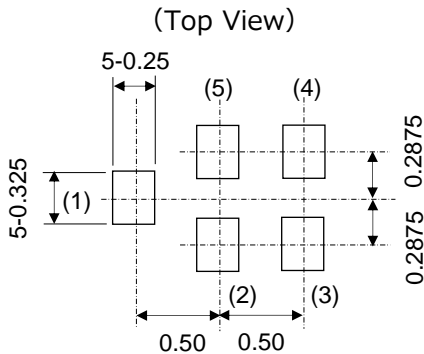
**Rating**

Items	Rating	Unit	Note
Operating Temperature Range	-40 to +85	deg.C	
Storage Temperature Range	-40 to +85	deg.C	
Max Input Power	+18	dBm	5,000hr, CW, Ta=50deg.C
Input Port Nominal Impedance	50	ohm	Unbalance
Output Port Nominal Impedance	50	ohm	Unbalance

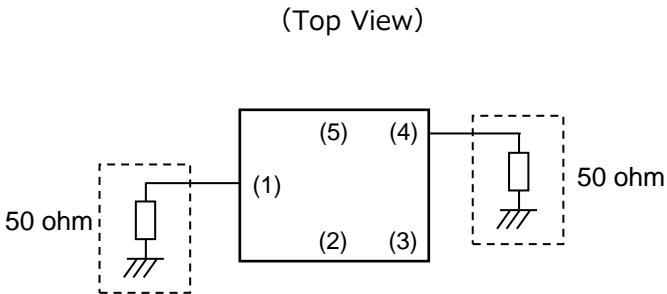
**Dimensions**



**Recommendable Land Pattern**



**Measurement Circuit**



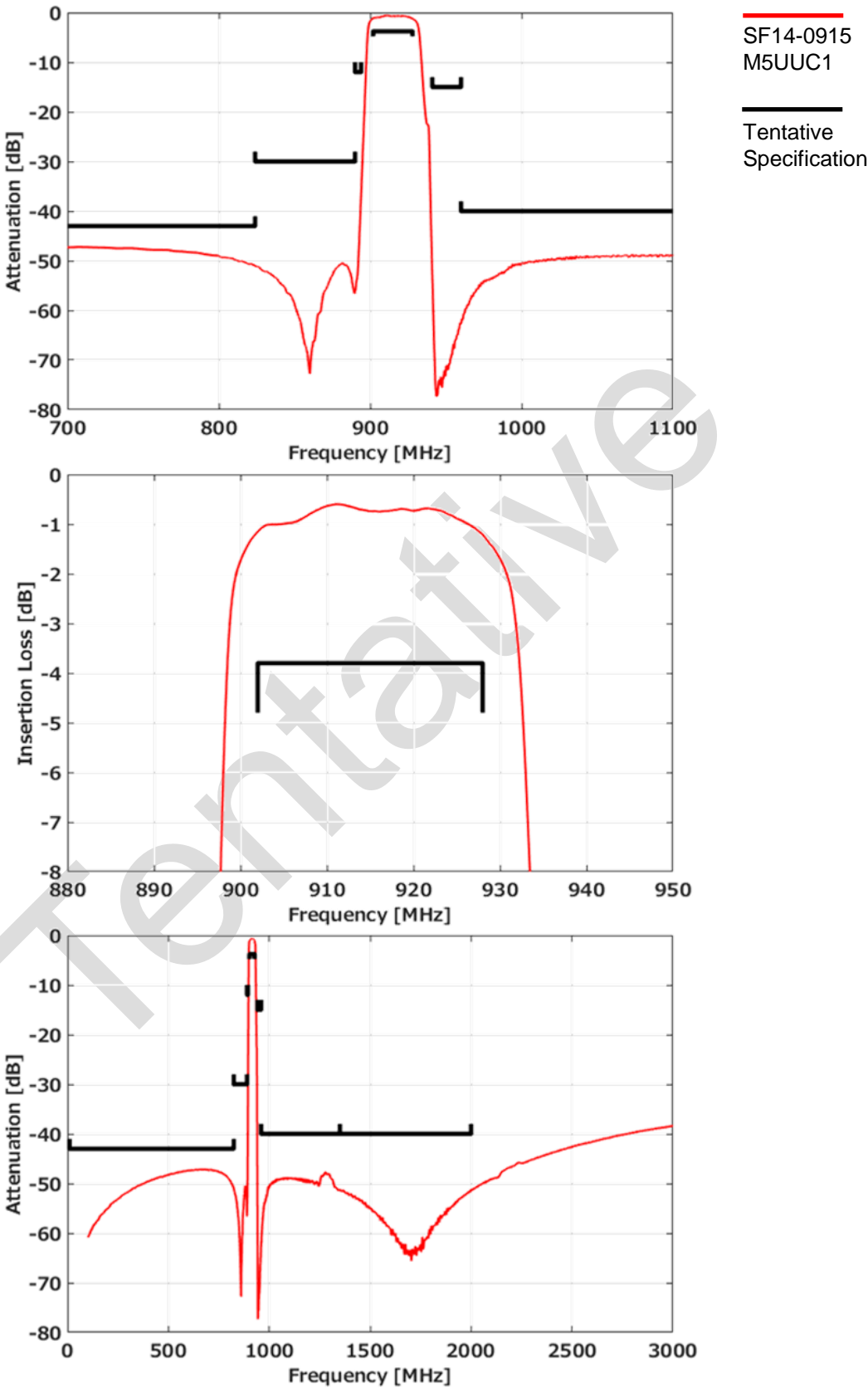
< Note > This specification may be subject to change.

## Electrical Characteristics

Items		Frequency[MHz]	Unit	Kyocera Tentative Specification			Note
				min	typ	max	
Insertion Loss		902 - 928	dB	-	1.2	3.8	
Passband Ripple		902 - 928	dB	-	0.6	2.8	
VSWR	Input	902 - 928	-	-	1.5	2.0	
	Output	902 - 928	-	-	1.5	2.0	
Attenuation		10 - 824	dB	43	47	-	
		824 - 890	dB	30	50	-	
		890 - 894	dB	12	37	-	
		941 - 960	dB	15	53	-	
		960 - 1350	dB	40	48	-	
		1350 - 2000	dB	40	51	-	

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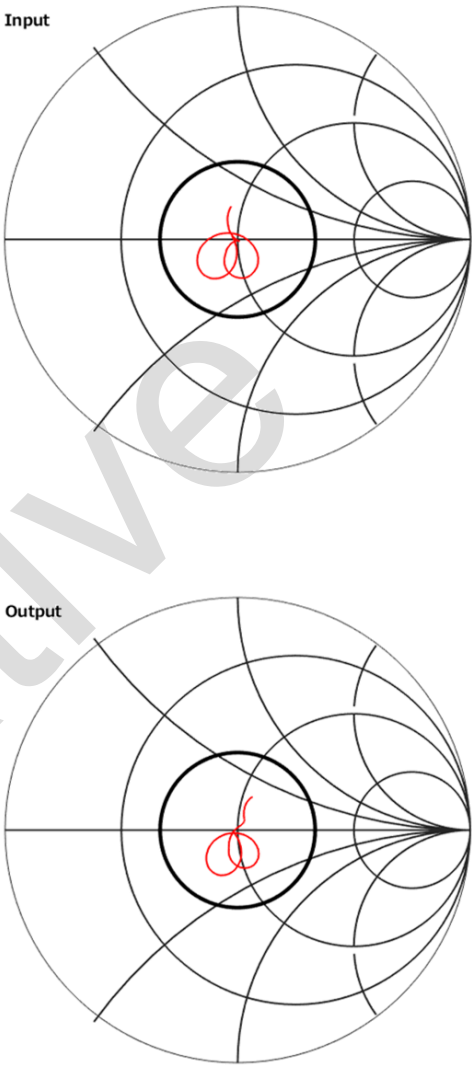
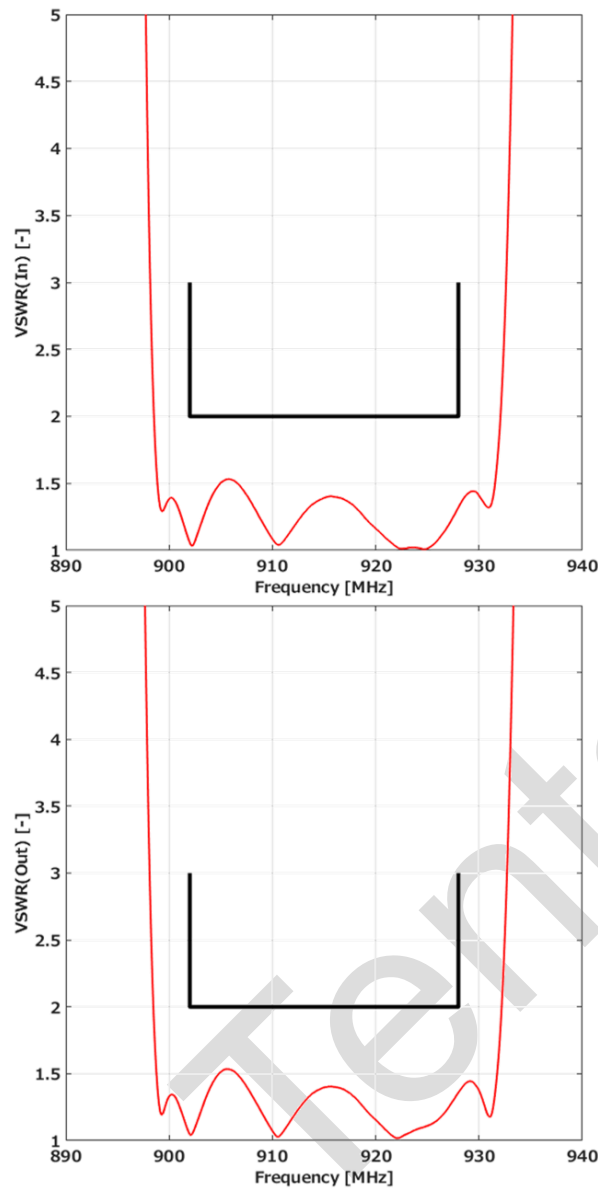
Electrical Characteristics



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**Electrical Characteristics**

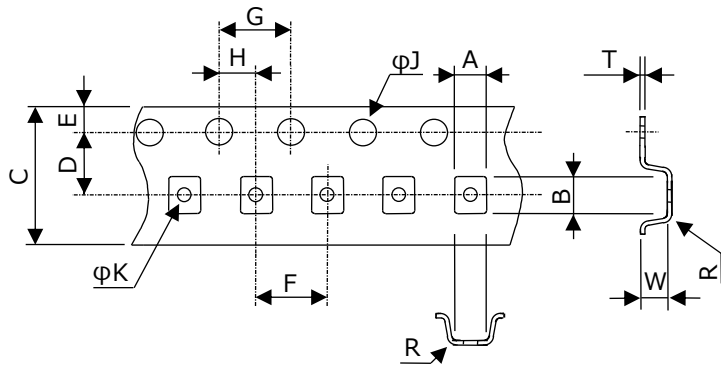
— SF14-0915M5UUC1  
— Tentative Specification



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**Tape & Reel Specification**

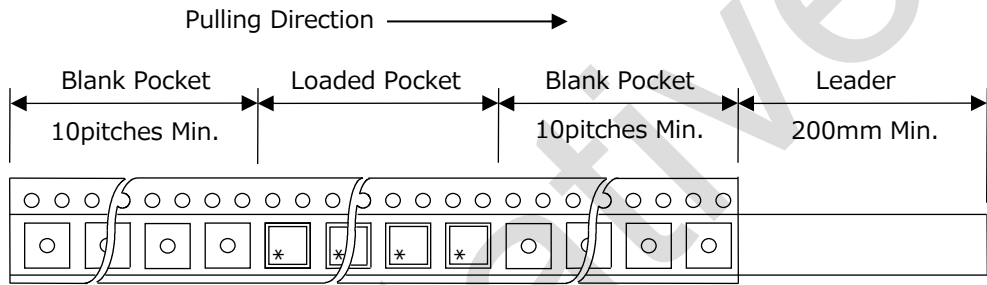
**[Tape]**



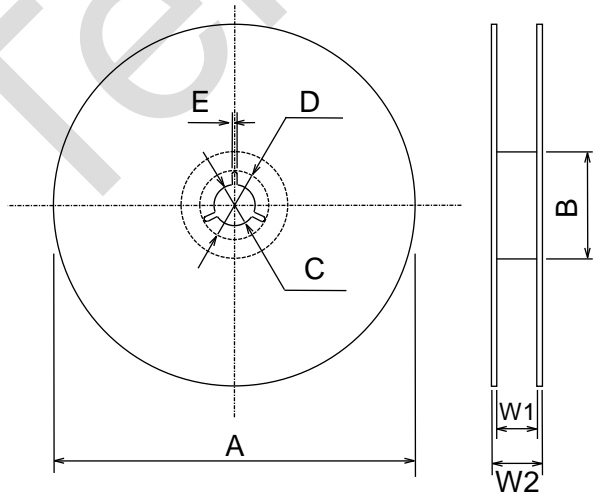
Unit : mm

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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