

# Datasheet of SAW Filter

## 1411 ISM900MHz for JP

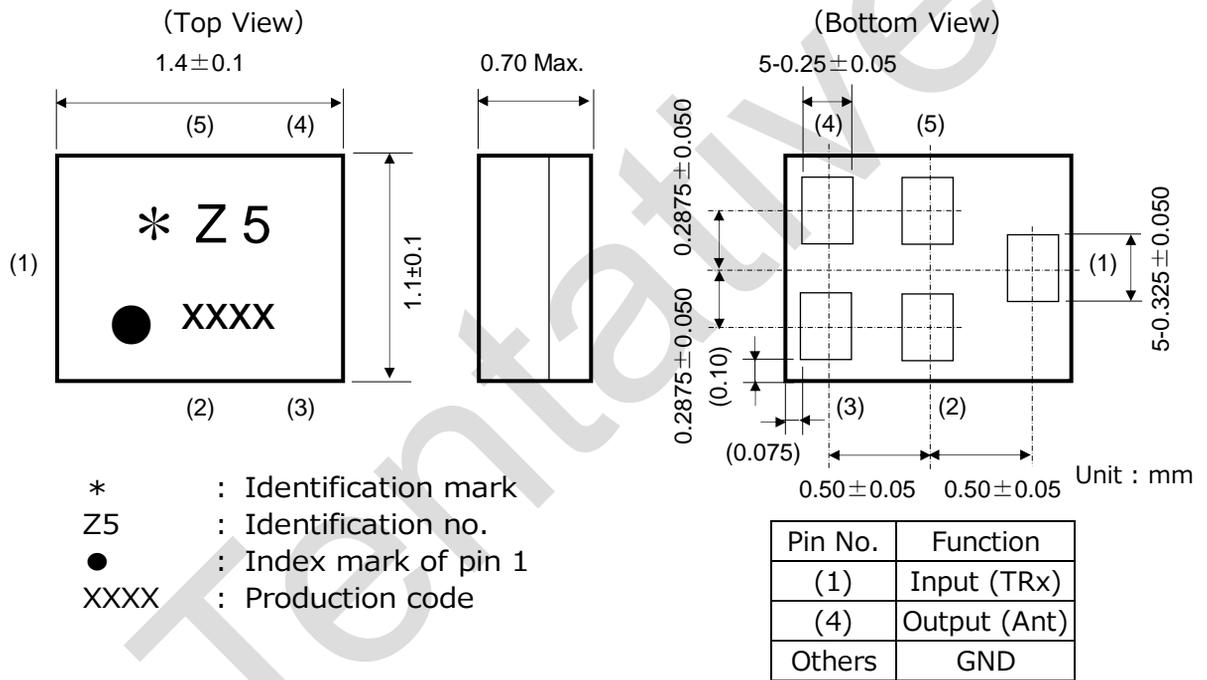
KYOCERA Part No. : SF14-0925M5UUC1

< Note > This specification may be subject to change.

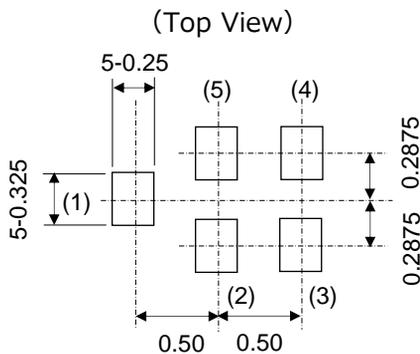
### Rating

Items	Rating	Unit	Note
Operating Temperature Range	-40 to +85	deg.C	
Storage Temperature Range	-40 to +85	deg.C	
Max Input Power	+23	dBm	5,000hr, CW, Ta=85deg.C
Input Port Nominal Impedance	50	ohm	Unbalance
Output Port Nominal Impedance	50	ohm	Unbalance

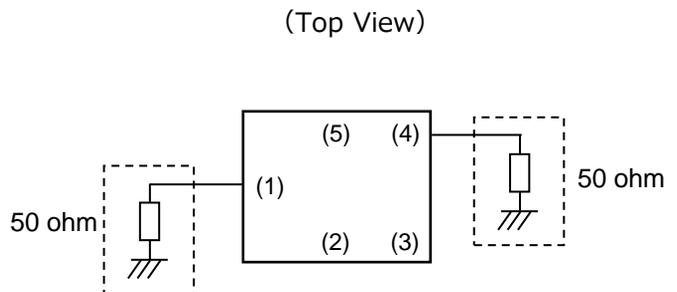
### Dimensions



### Recommendable Land Pattern



### Measurement Circuit



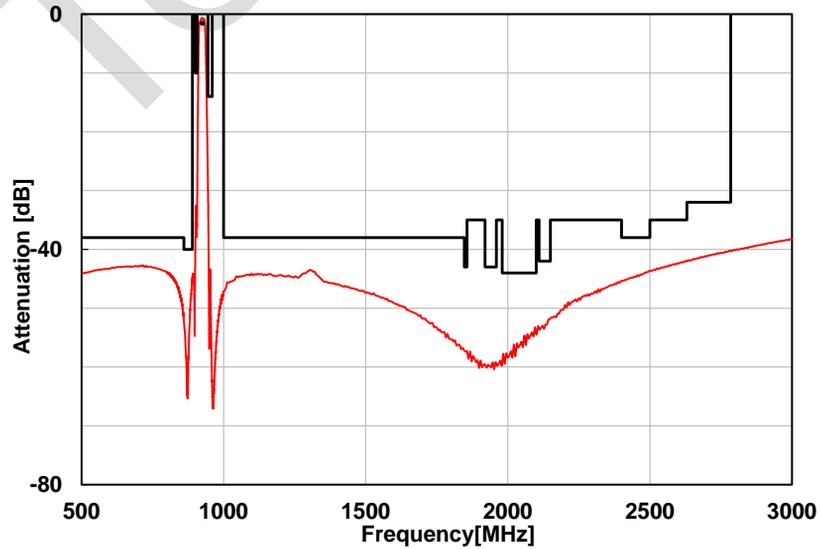
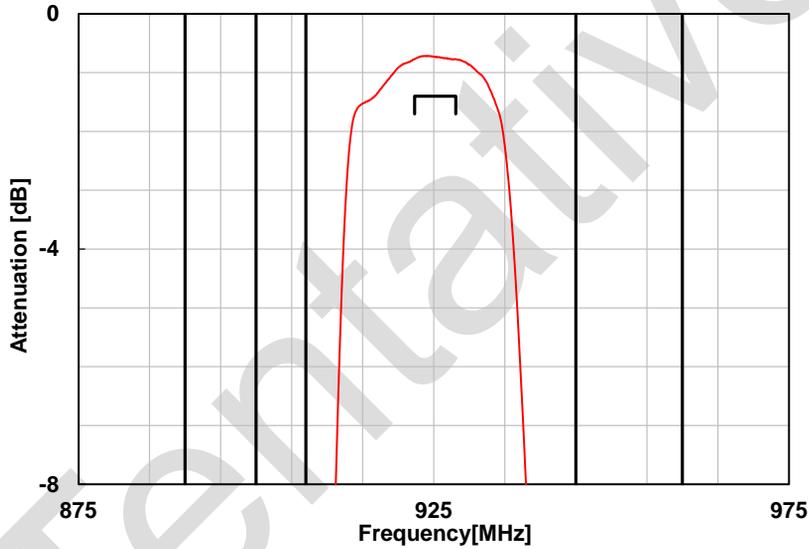
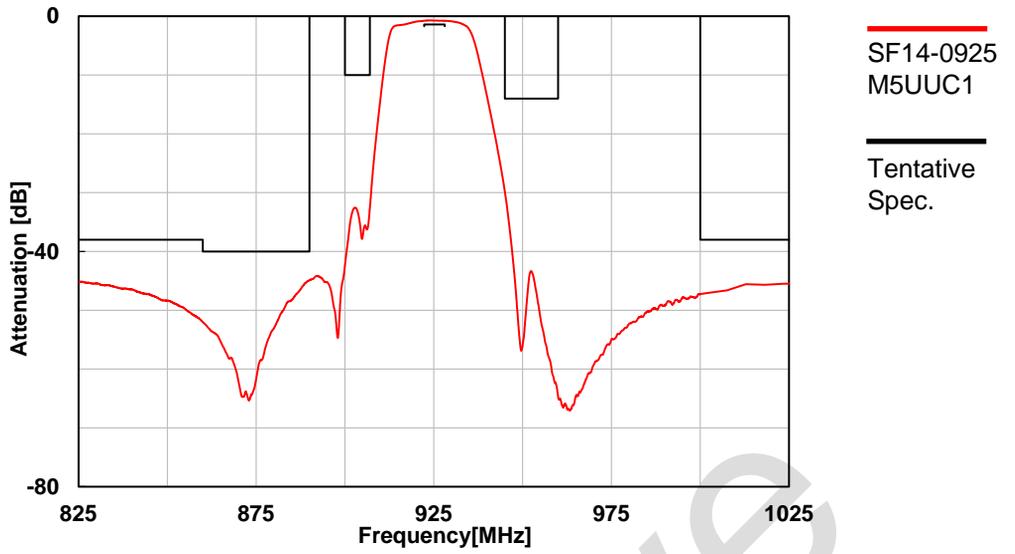
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## Electrical Characteristics

Items	Frequency range [MHz]		Kyocera Tentative Specification			Unit
			min.	typ.	max.	
Nominal center frequency	-		925.2			MHz
Insertion Loss	922.3	to 928.1	-	0.8	1.4	dB
Passband Ripple	922.3	to 928.1	-	0.1	1.3	dB
VSWR	Input	922.3 to 928.1	-	1.3	1.8	-
	Putput	922.3 to 928.1	-	1.3	1.8	-
Attenuation	10	to 830	38	43	-	dB
	815	to 845	38	45	-	dB
	830	to 875	38	46	-	dB
	860	to 890	40	45	-	dB
	875	to 890	40	45	-	dB
	900	to 907	10	33	-	dB
	945	to 960	14	30	-	dB
	1000	to 1847	38	44	-	dB
	1847	to 1856.2	43	57	-	dB
	1856.2	to 2630	35	42	-	dB
	1920	to 1960	43	59	-	dB
	1980	to 2100	44	54	-	dB
	2110	to 2150	42	52	-	dB
	2400	to 2500	38	44	-	dB
2630	to 2784.3	32	20	-	dB	

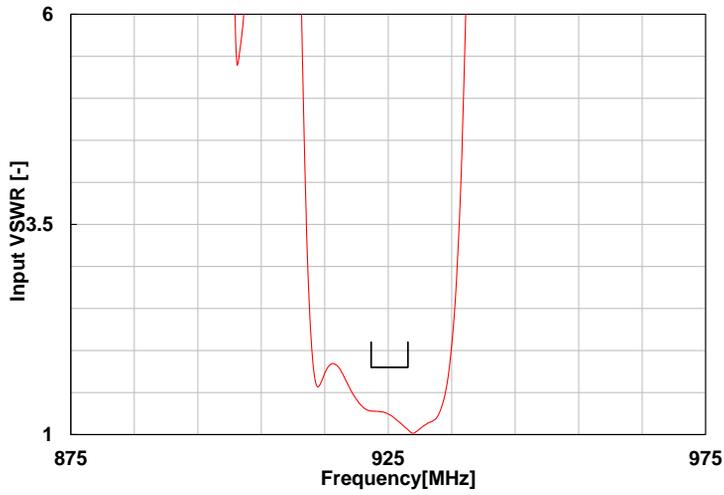
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### Electrical Characteristics

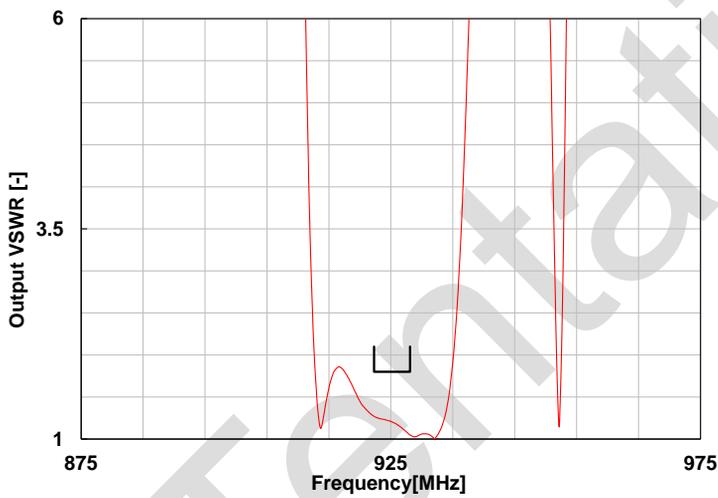
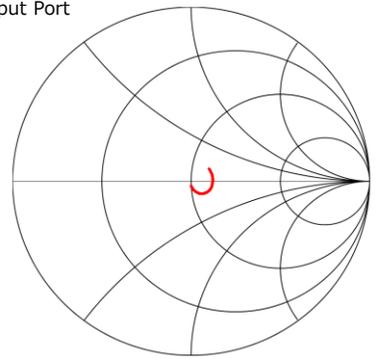


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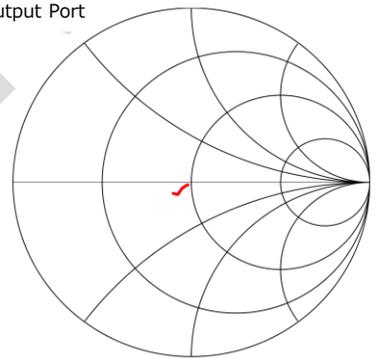
**Electrical Characteristics**



Input Port



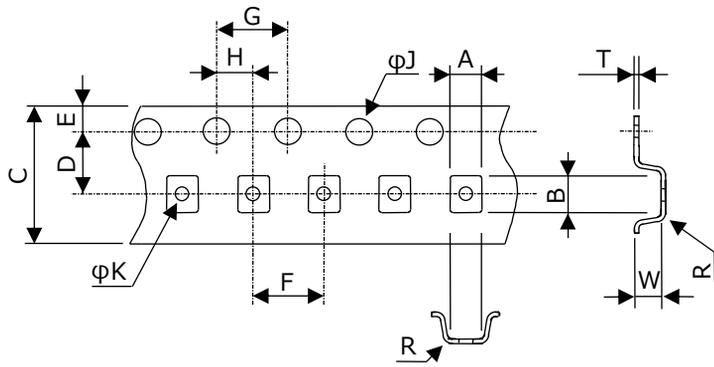
Output Port



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### Tape & Reel Specification

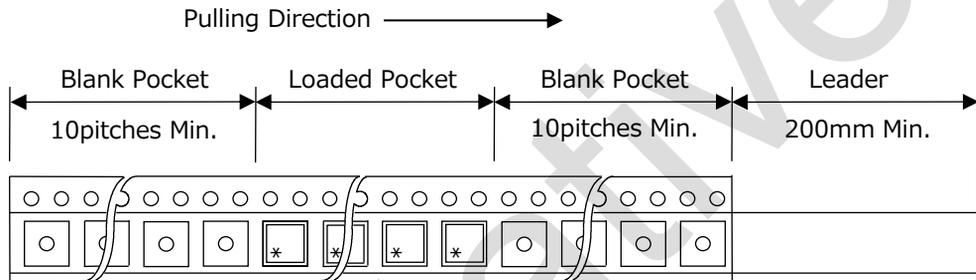
#### [Tape]



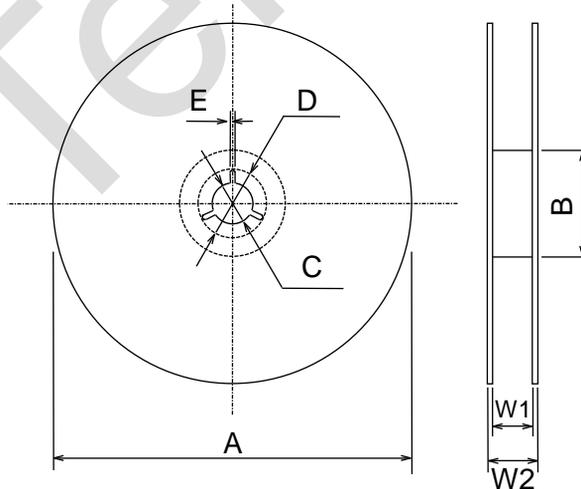
Unit : mm

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	Unit : mm
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		

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