

Datasheet of SAW Filter

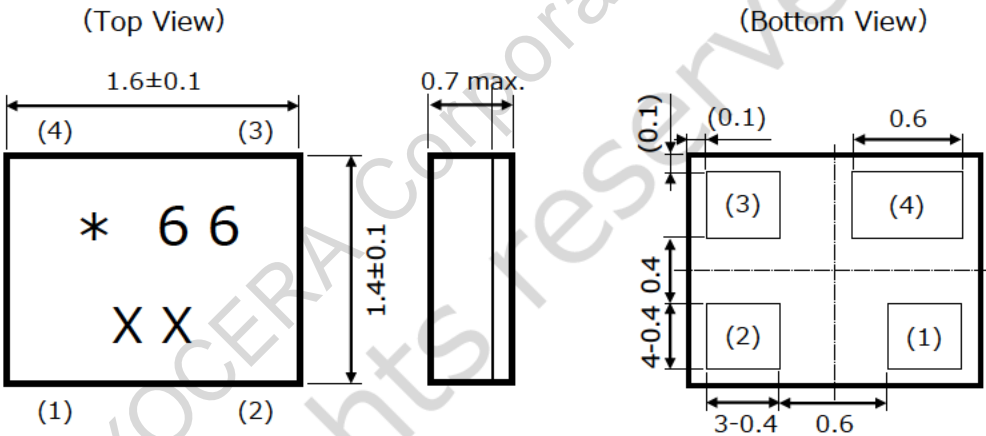
1614 ISM900MHz for EU

KYOCERA Part No. : SF16-0868M4UU01

Rating

Items	Rating	Unit	Note
Operating Temperature Range	-30 to +85	deg.C	
Storage Temperature Range	-40 to +85	deg.C	
Max Input Power	+12	dBm	5,000Hours, Ta=50deg.C, CW
Input Port Nominal Impedance	50	ohm	Unbalance
Output Port Nominal Impedance	50	ohm	Unbalance

Dimensions

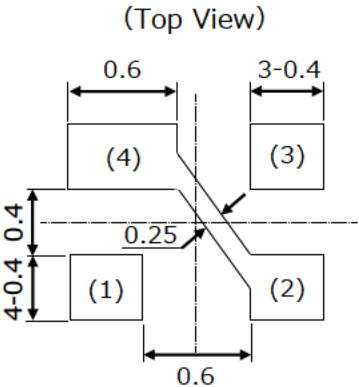


- * : Identification logo
66 : Identification no.
XX : Date code

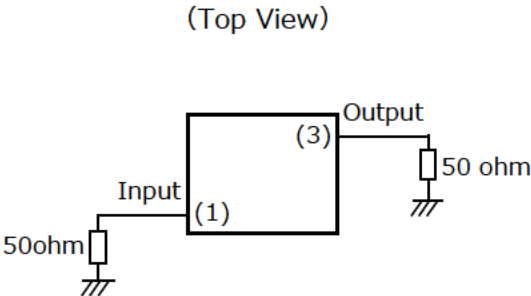
Unit : mm

Pin No.	Function
(1)	Input
(3)	Output
Others	GND

Recommendable Land Pattern



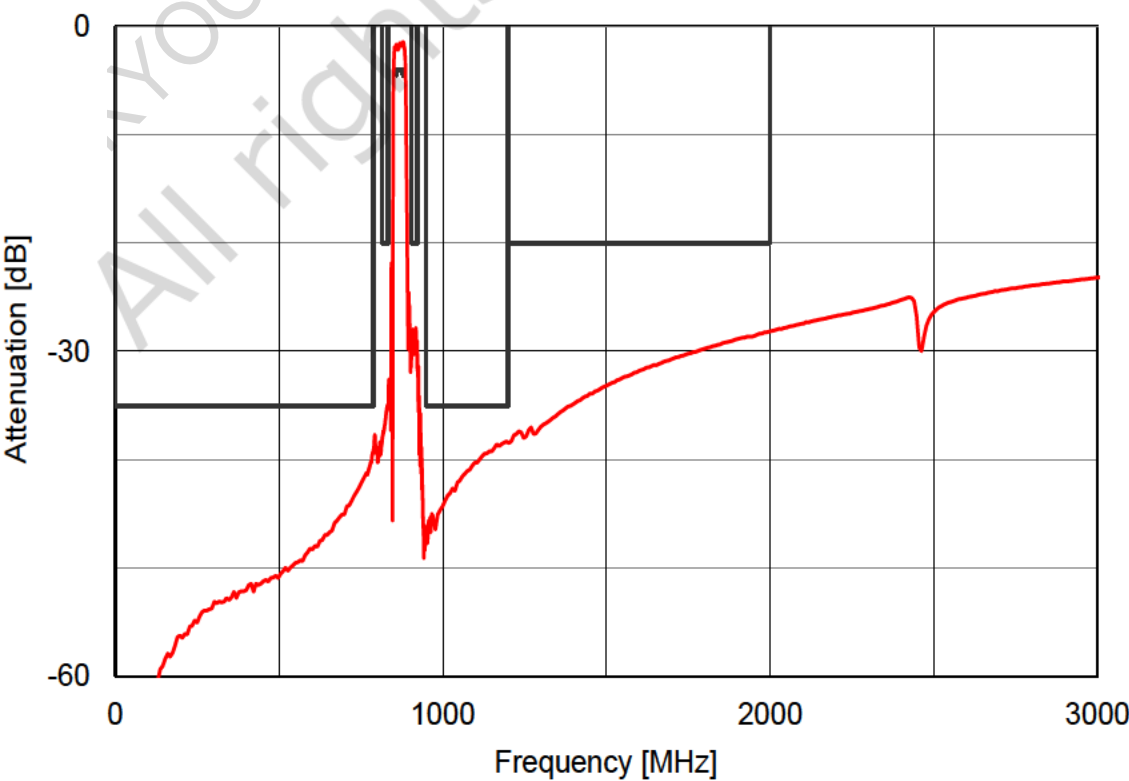
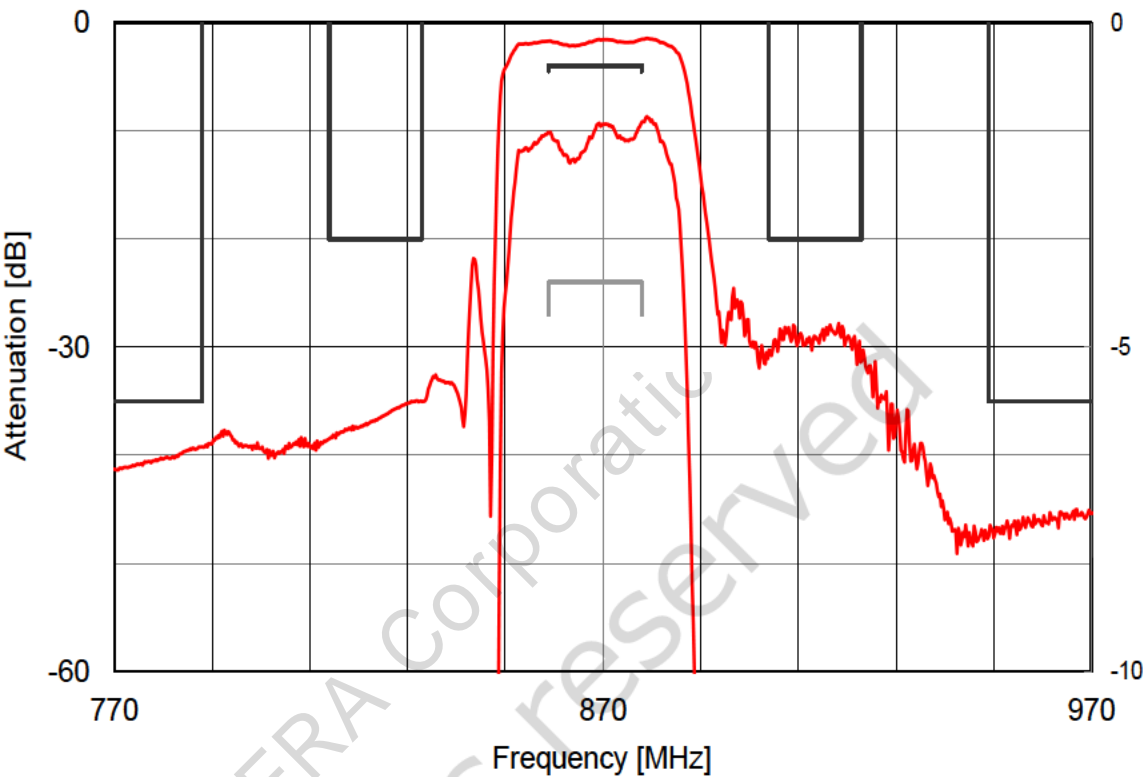
Measurement Circuit



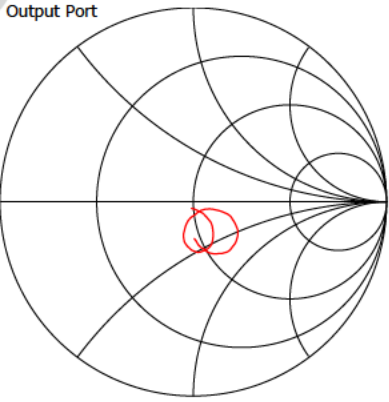
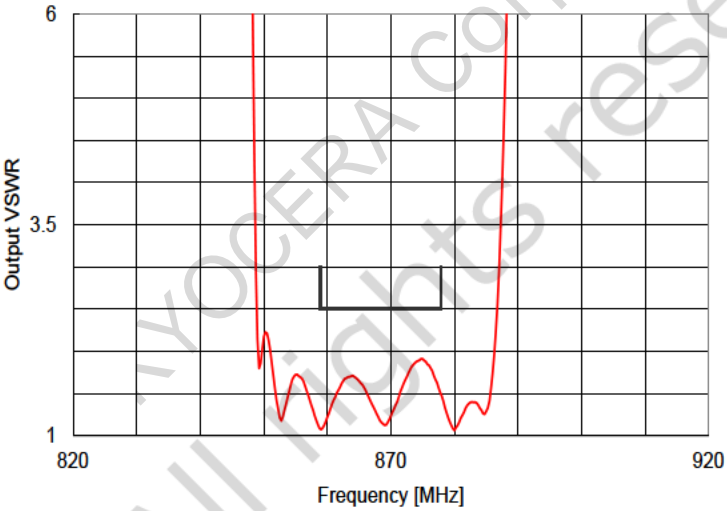
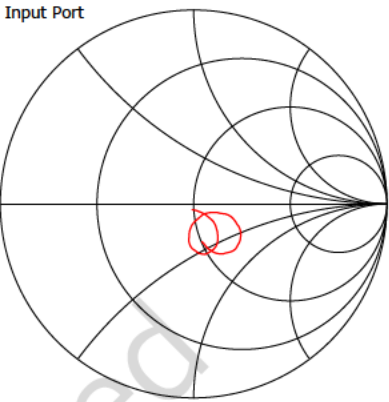
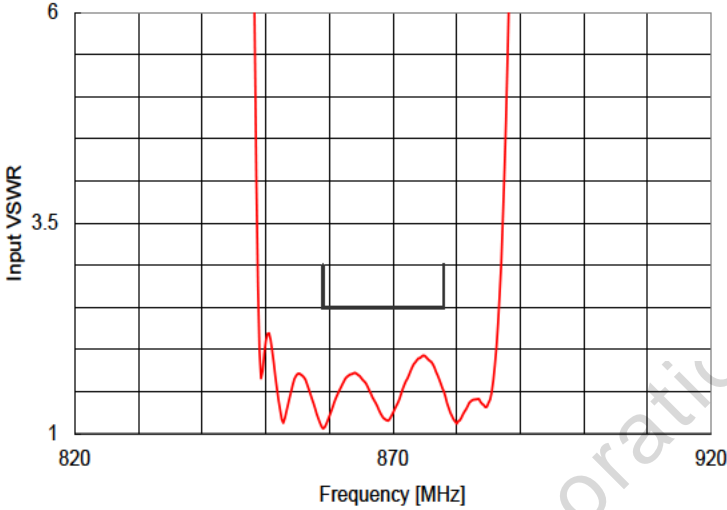
Electrical Characteristics

ITEMS	Frequency (MHz)	Characteristics			Unit	Note
		min.	typ.	max.		
Nominal Center Frequency	-	868.42			MHz	
Insertion Loss	858.92 to 877.92	-	2.2	4.0	dB	
Ripple (peak to peak)	858.92 to 877.92	-	0.5	2.0	dB	
Input VSWR	858.92 to 877.92	-	2.2	2.5	-	
Output VSWR	858.92 to 877.92	-	2.2	2.5	-	
Absolute Attenuation	DC to 787.92	35	40	-	dB	
	813.92 to 832.92	20	35	-	dB	
	903.92 to 922.92	20	27	-	dB	
	948.92 to 1200	35	40	-	dB	
	1200 to 2000	20	29	-	dB	

Electrical Characteristics

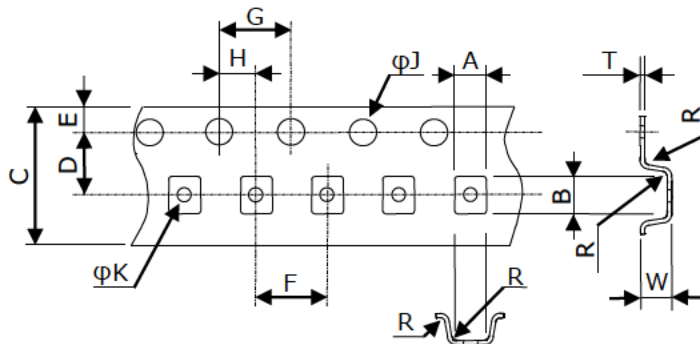


Electrical Characteristics



Tape & Reel Specification

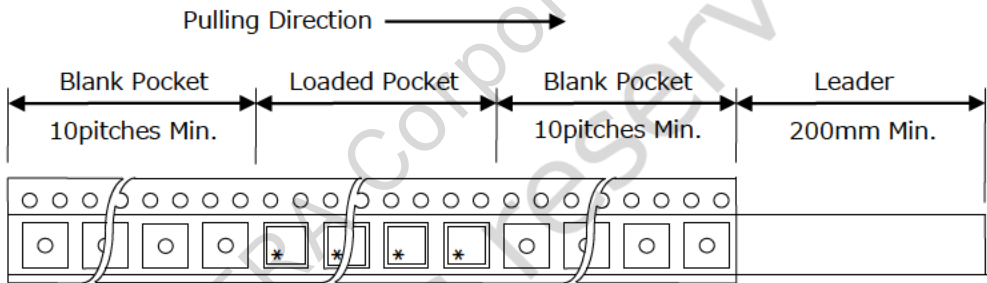
[Tape]



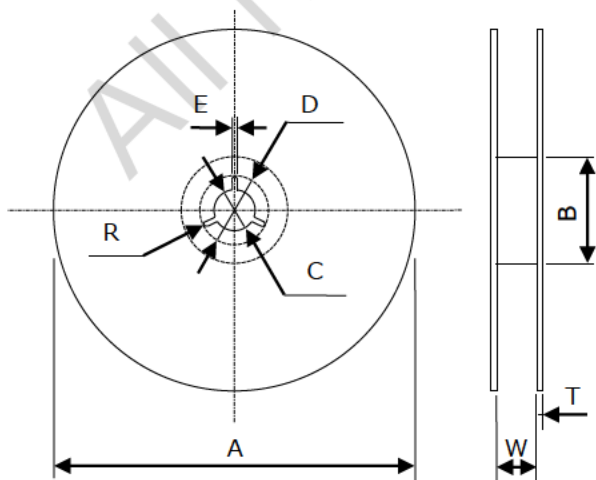
Unit : mm

Part	Dimension
A	1.85±0.10
B	1.90±0.10
C	8.0±0.2
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
I	1.5±0.1
J	1.1±0.1
K	0.3 Max
L	0.95±0.20
M	0.25±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
F	1
G	9.5 ± 1.0
H	2.0 ± 0.2

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