

Datasheet of SAW Filter

1109 ISM 2.4GHz

co-ext. B7/B40/B41

KYOCERA Part No. : SF11-2442M5UUA1

< Note > This specification may be subject to change.

Electrical Characteristics

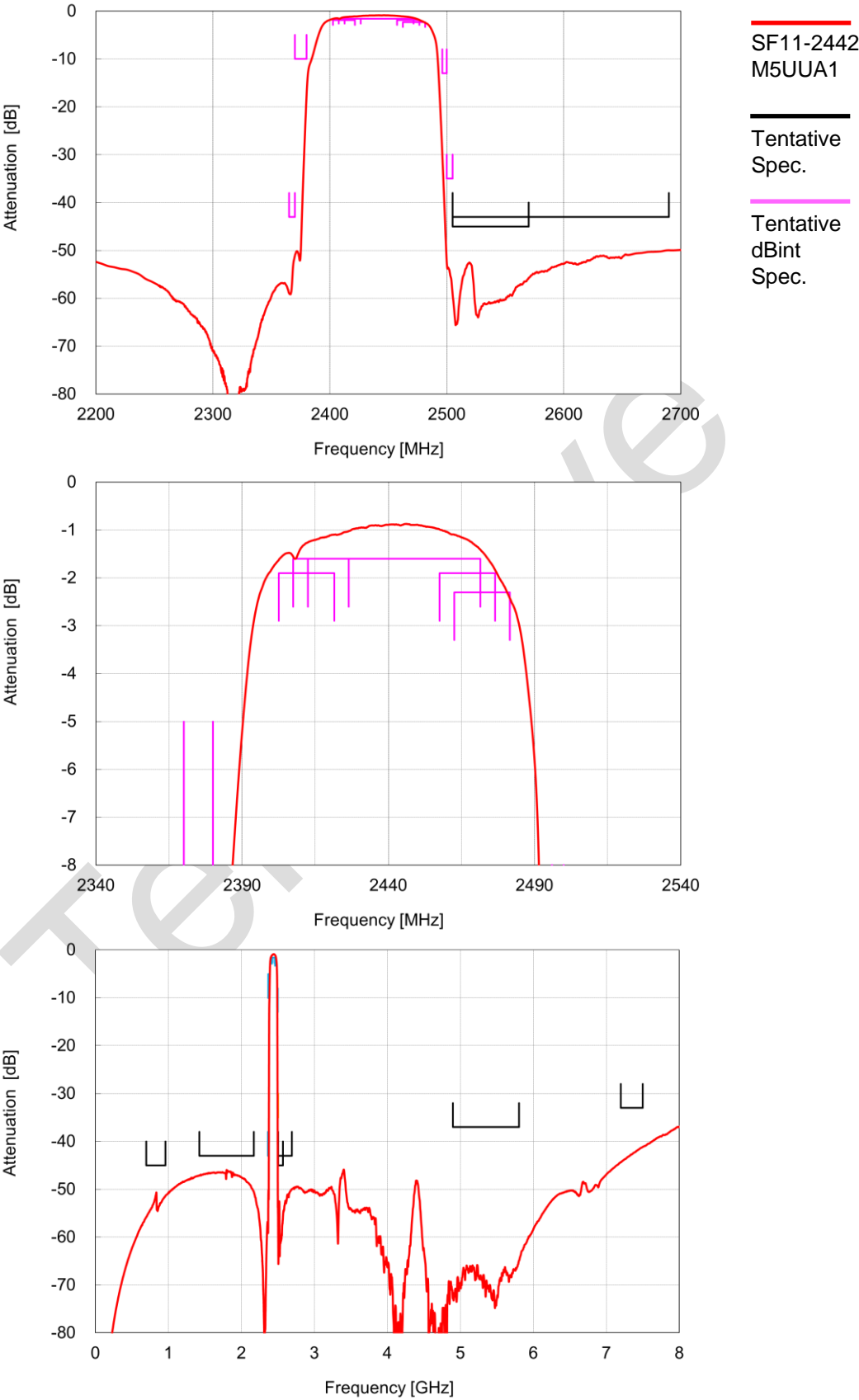
Items	Frequency [MHz]	Unit	Kyocera Tentative SPEC			Note
			min.	typ.	max.	
Insertion Loss	2402.5 to 2421.5	dBint	-	1.3	1.9	(※1), CH1
	2407.5 to 2426.5	dBint	-	1.2	1.6	(※1), CH2
	2412.5 to 2471.5	dBint	-	1.1	1.6	(※1), CH3 to 11
	2457.5 to 2476.5	dBint	-	1.2	1.9	(※1), CH12
	2462.5 to 2481.5	dBint	-	1.5	2.3	(※1), CH13
Ripple	2402.5 to 2481.5	dB	-	1.4	3.5	Any19MHz
Input VSWR	2402.5 to 2481.5		-	1.5	2.2	
Output VSWR	2402.5 to 2481.5		-	1.6	2.2	
Attenuation	699 to 960	dB	45	51	-	
	1425 to 2170	dB	43	46	-	
	2365 to 2370	dBint	43	57	-	B40(※2)
	2370 to 2380	dBint	10	27	-	B40(※2)
	2496 to 2500	dBint	13	39	-	B41(※2)
	2500 to 2505	dBint	35	55	-	B41(※2)
	2505 to 2570	dB	45	53	-	B41/7
	2505 to 2690	dB	43	50	-	B41/7
	4900 to 5805	dB	37	61	-	
	7200 to 7500	dB	33	40	-	

(*1)Integrated Insertion Loss over 19MHz

(*2)Integrated Attenuation over 5MHz

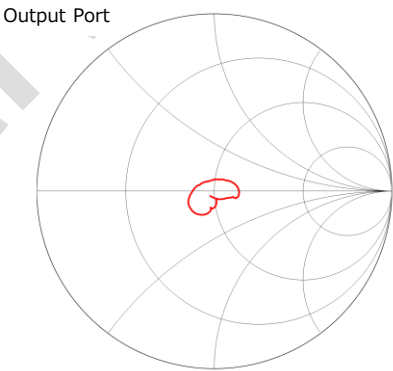
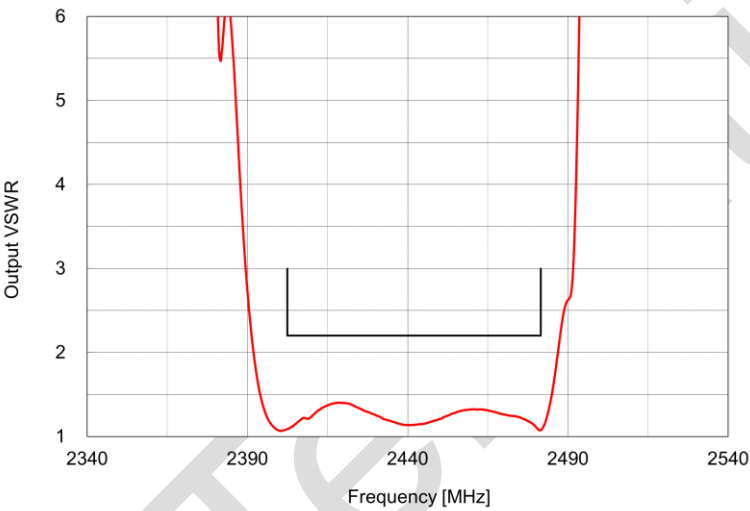
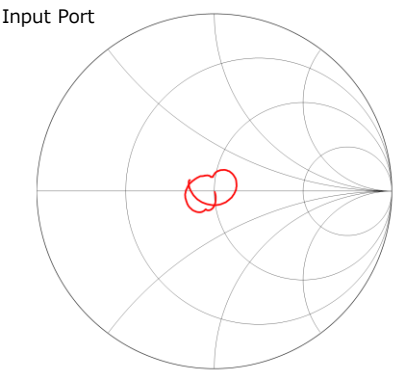
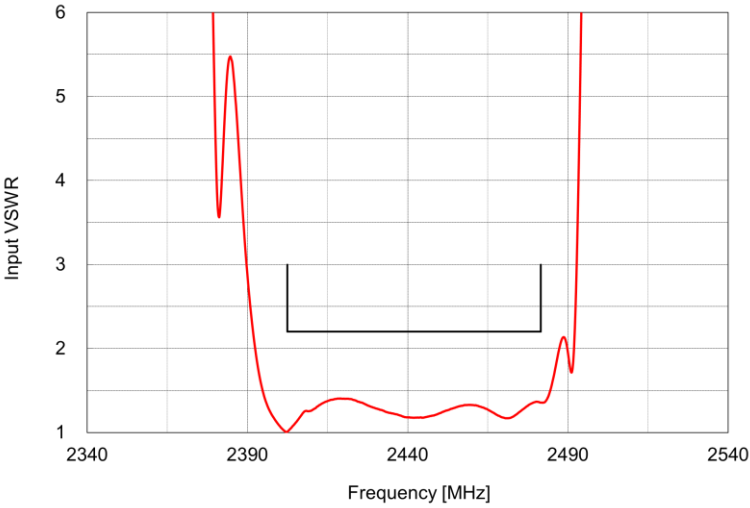
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Electrical Characteristics



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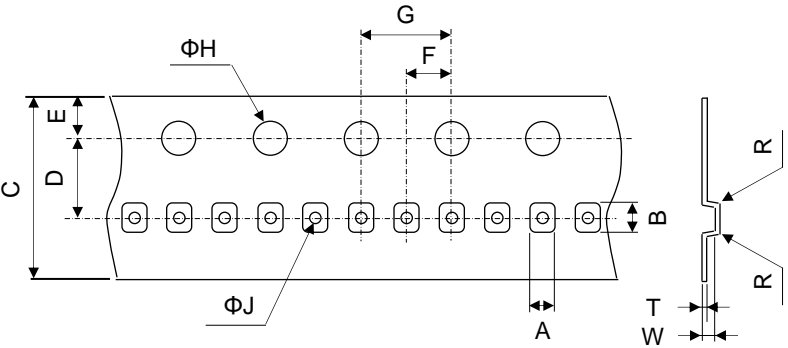
Electrical Characteristics



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Tape & Reel Specification

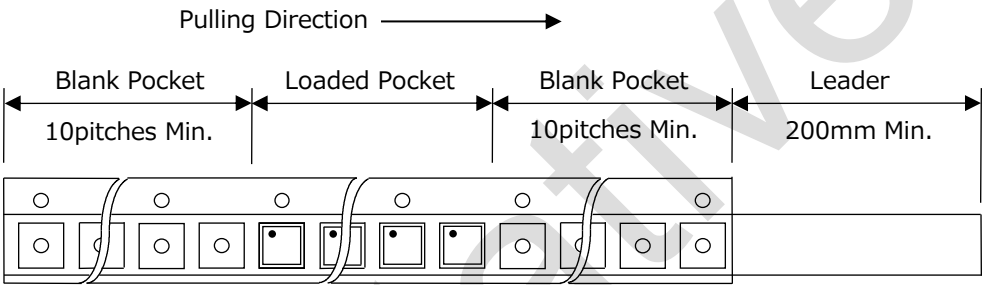
[Tape]



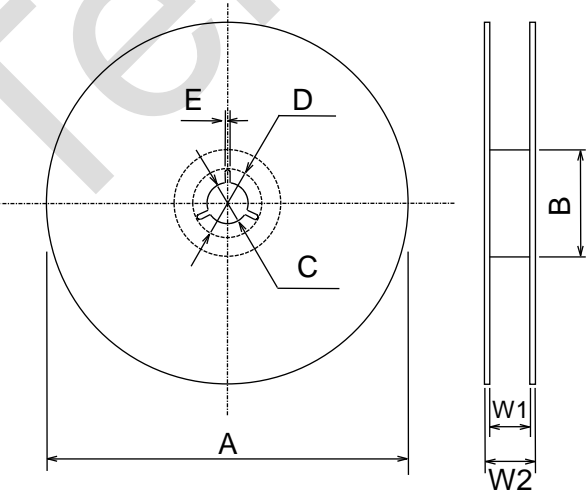
Unit : mm

Part	Dimension
A	1.1±0.05
B	1.3±0.05
C	8.0±0.1
D	3.5±0.05
E	1.75±0.1
F	2.0±0.05
G	4.0±0.05
φH	1.5+0.1/-0
φJ	0.50±0.05
R	0.1 Max
W	0.60±0.05
T	0.20+0.03/-0.02

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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