

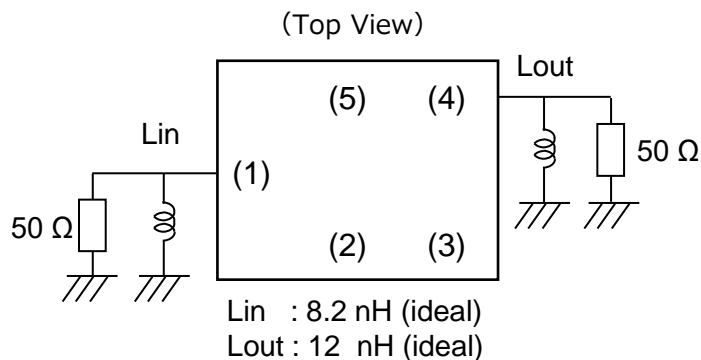
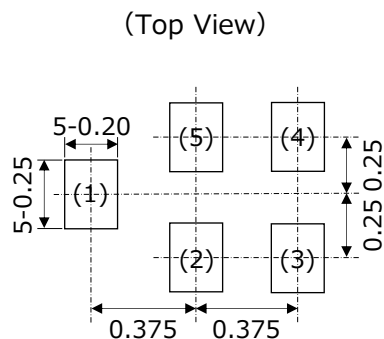
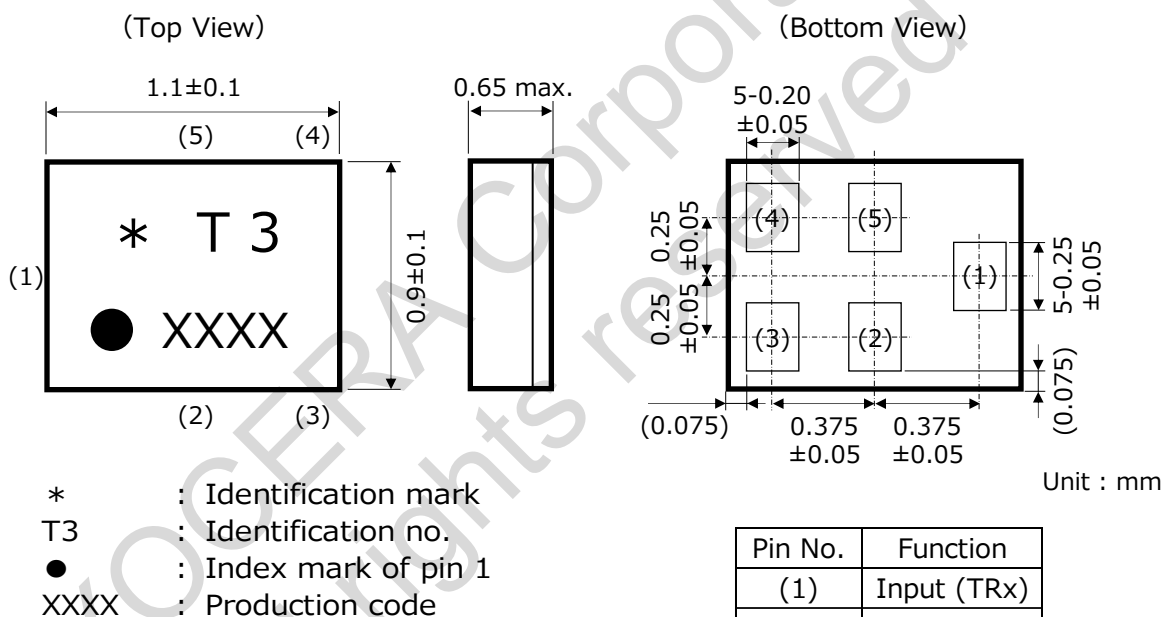
Datasheet of SAW Filter

1109 ISM 2.4GHz

KYOCERA Part No. : SF11-2441M5UUC1

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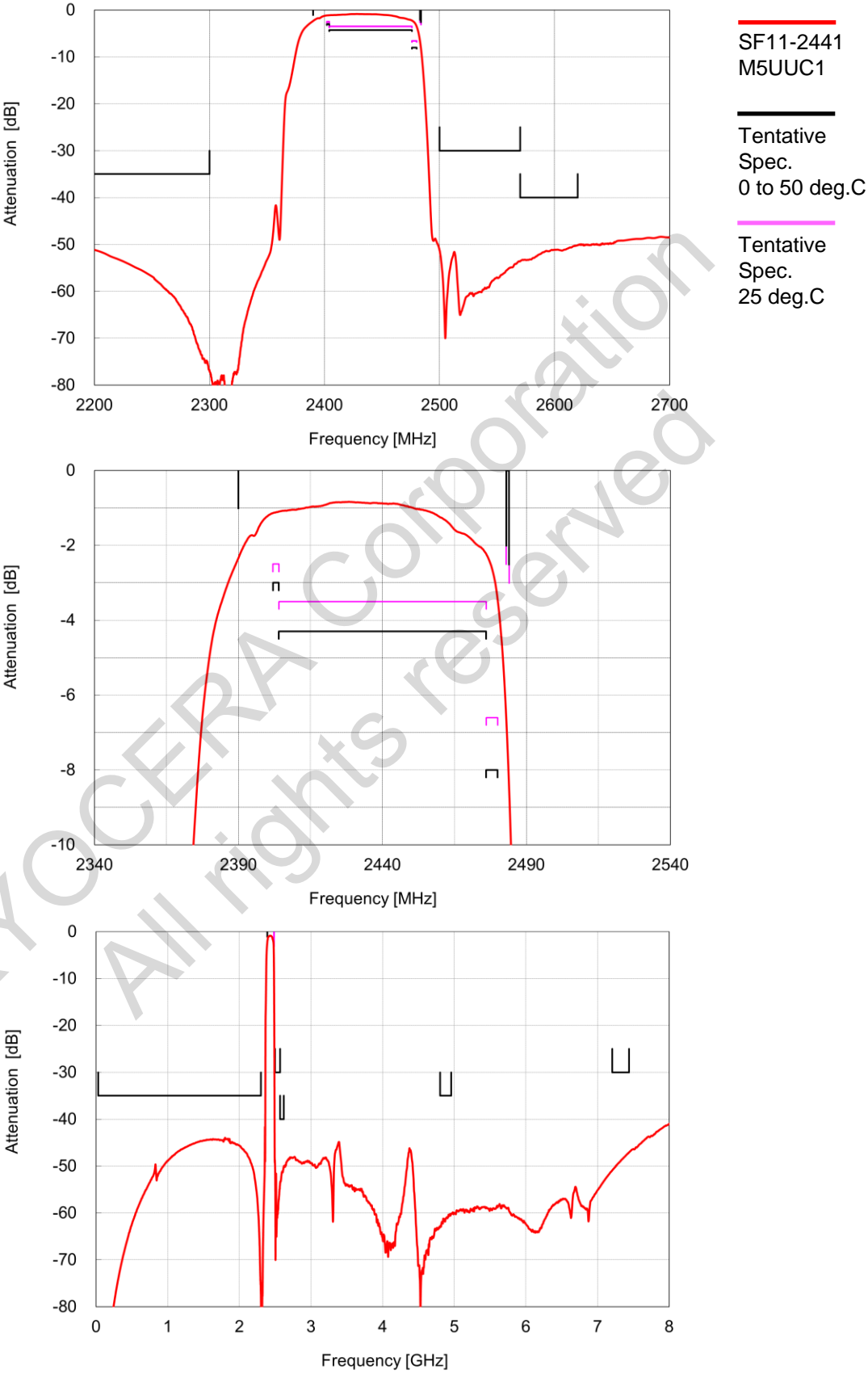
Items		Rating	Unit	Note
Operating Temperature Range		0 to 50	deg.C	
Storage Temperature Range		0 to 50	deg.C	
Max Input Power	Input port	20	dBm	5,000Hours, Ta=50deg.C ,CW
ESDLevel	Charged Device Model	250	Volt	Complied to JESD22-C101
Nominal Input Impedance		50 // 8.2nH	ohm	Unbalance
Nominal output Impedance		50 // 12nH	ohm	Unbalance



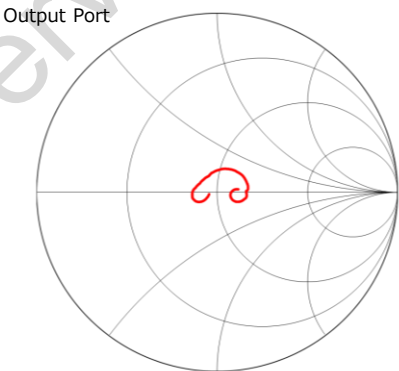
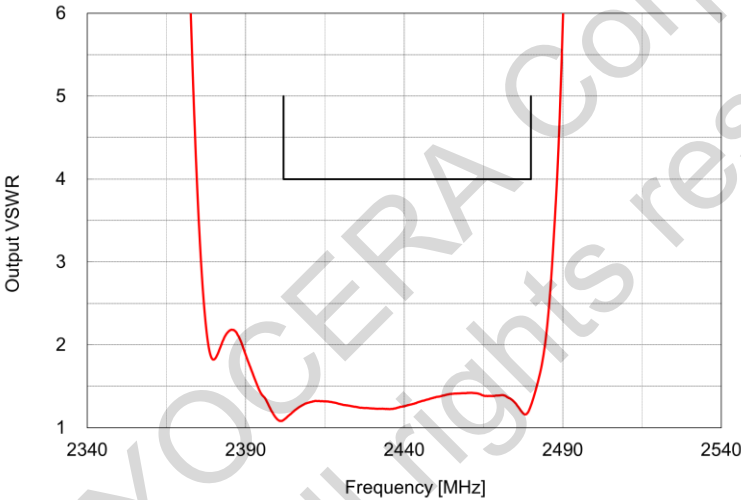
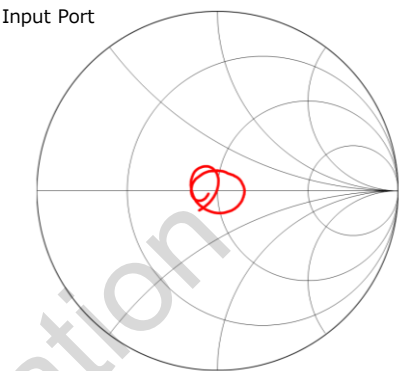
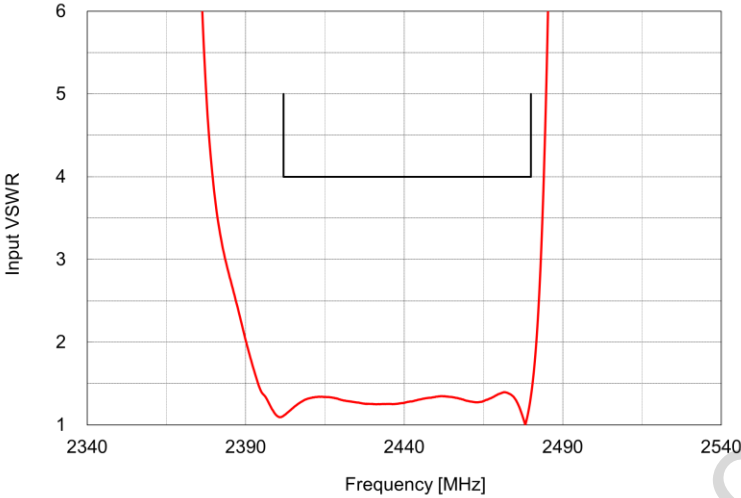
Electrical Characteristics

Items	Frequency (MHz)	Unit	Kyocera Tentative Spec.			Note
			min.	typ.	max.	
Insertion Loss	2404 to 2476	dB	-	2.2	3.5	25deg.C
			-		4.3	
	2402 to 2404	dB	-	1.2	2.5	25deg.C
			-		3.0	
	2476 to 2480	dB	-	3.4	6.6	25deg.C
			-		8.0	
Ripple	2404 to 2476	dB	-	1.4	3.5	25deg.C
			-		4.3	
VSWR Input	2402 to 2480	-	-	1.5	4.0	25deg.C
			-		4.0	
VSWR Output	2402 to 2480	-	-	1.5	4.0	25deg.C
			-		4.0	
Attenuation	2390	dB	1.0	2.3	-	25deg.C
			1.0		-	
	2483	dB	2.5	6.5	-	25deg.C
			2.0		-	
	2484	dB	3.0	8.2	-	25deg.C
			2.5		-	
	30 to 2300	dB	35	44	-	
	2500 to 2570	dB	30	50	-	
	2570 to 2620	dB	40	50	-	
	4804 to 4960	dB	35	59	-	
	7206 to 7440	dB	30	47	-	

Electrical Characteristics

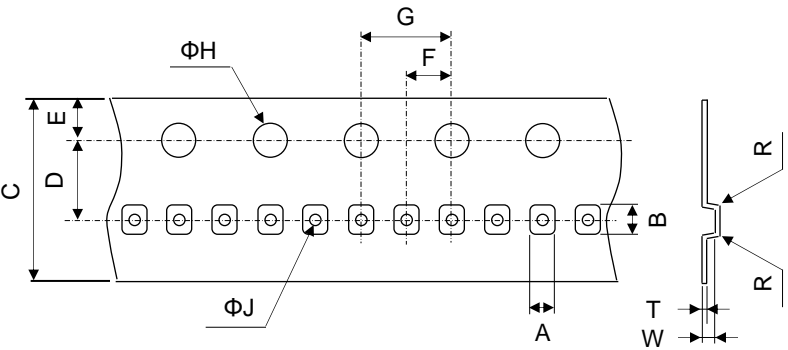


Electrical Characteristics



Tape & Reel Specification

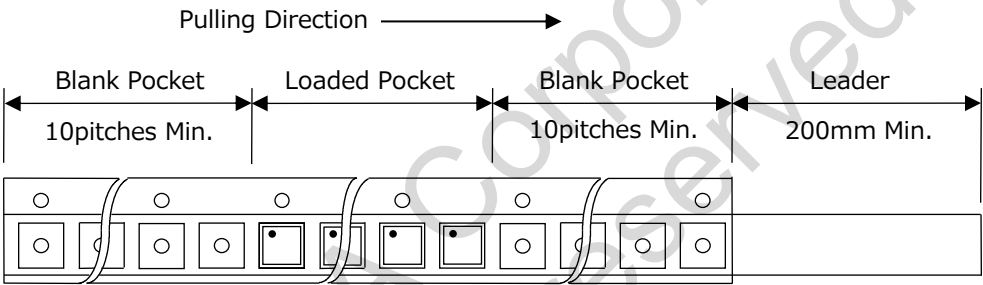
[Tape]



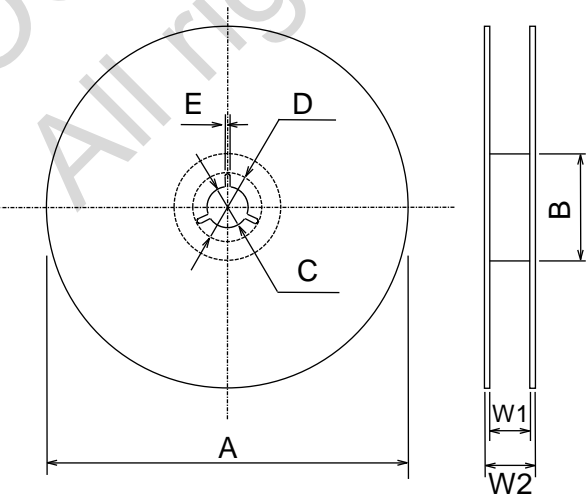
Unit : mm

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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