

Rev.00

RoHS Compliant

Datasheet of SAW Filter

1109 GNSS

For GPS(L5) _GALILEO(E5b) _GPS(L2)

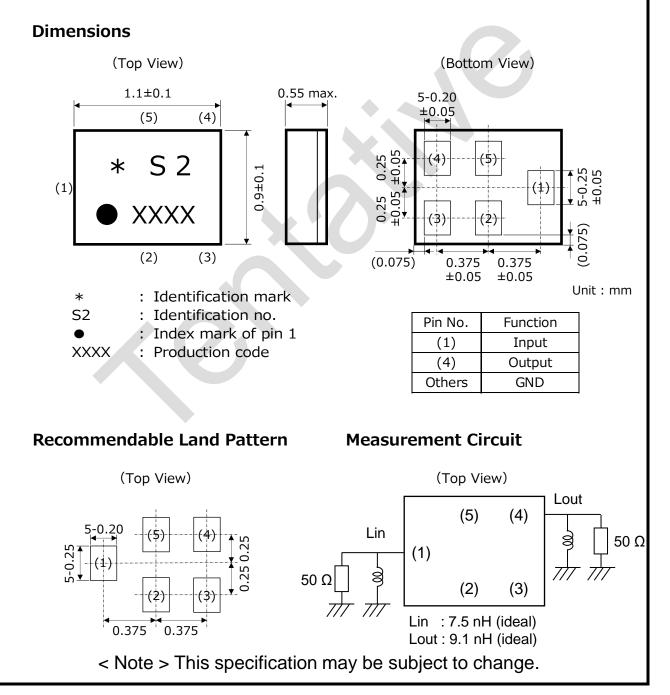
KYOCERA Part No. : SF11-1197M5UUB1

< Note > This specification may be subject to change.

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Rating

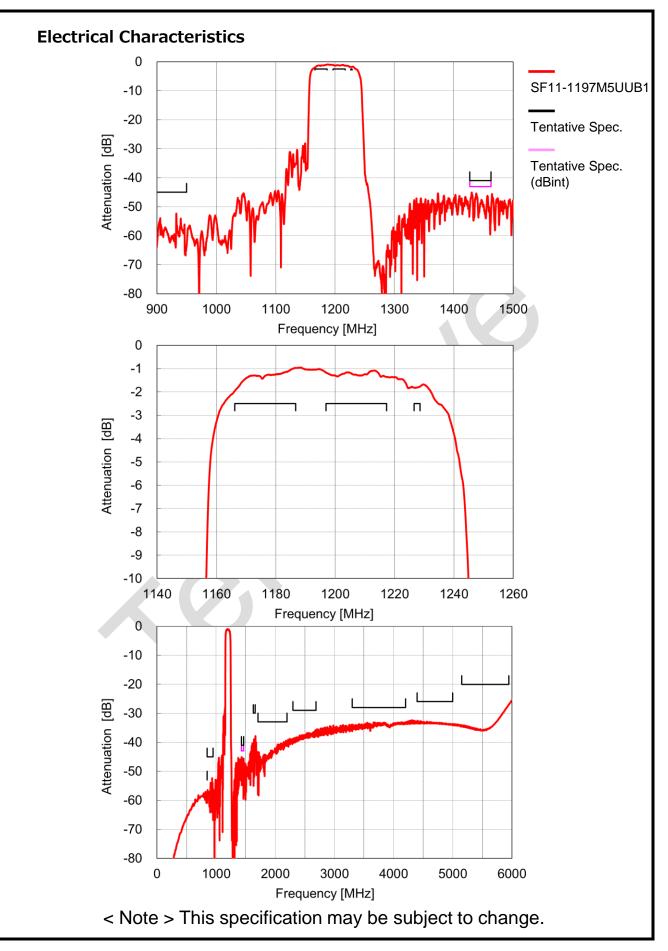
lte	ms	Rating	Unit	Note
Operating Temperature Range		-40 to 85	deg.C	
Storage Temperature Range		-40 to 85	deg.C	
Max Input Power	Input port	15	dBm	5,000Hours,CW,Ta=50deg.C
ESD Level	Machine Model	50	Volt	Complied to JESD22-A115
Input Port Nominal Impedance		50 //7.5nH	ohm	Unbalance
Output Port Nominal Impedance		50 //9.1nH	ohm	Unbalance



Electrical Characteristics

	Frequency[MHz]		Unit	Kyocera Tentative Spec.			Note		
Items									
					min	typ	max		
Insertion Loss		1166.22	-	1186.68	dB	-	2.0	2.5	L5
		1196.91	-	1217.37	dB	-	1.4	2.5	E5b
		1226.58	-	1228.62	dB	-	1.8	2.5	L2C
GDT Ripple Deviation		1166.22	-	1186.68	ns	-	18	35	L5
		1196.91	-	1217.37	ns	-	7	15	E5b
		1226.58	-	1228.62	ns	-	3	12	L2C
VSWR	Input	1166.22	-	1186.68	-	-	1.4	2.2	L5
		1196.91	-	1217.37	-	-	1.5	2.2	E5b
		1226.58	-	1228.62	-	-	1.6	2.2	L2C
	Output	1166.22	-	1186.68	-	-	1.6	2.2	L5
		1196.91	-	1217.37	-	-	1.5	2.2	E5b
		1226.58	-	1228.62	-	-	1.2	2.2	L2C
Attenuation		650	-	850	dB	53	57	-	
		850	-	950	dB	45	52		
		1427	-	1463	dB	41	45		
		1427	-	1463	dBINT	43	46	-	any5MHz
		1626	-	1661	dB	30	39	-	
		1710	-	2200	dB	33	39	-	
		2300	-	2690	dB	29	36	-	
		3300	-	4200	dB	28	33	-	
		4400	-	5000	dB	26	33	-	
		5150	-	5950	dB	20	27	-	

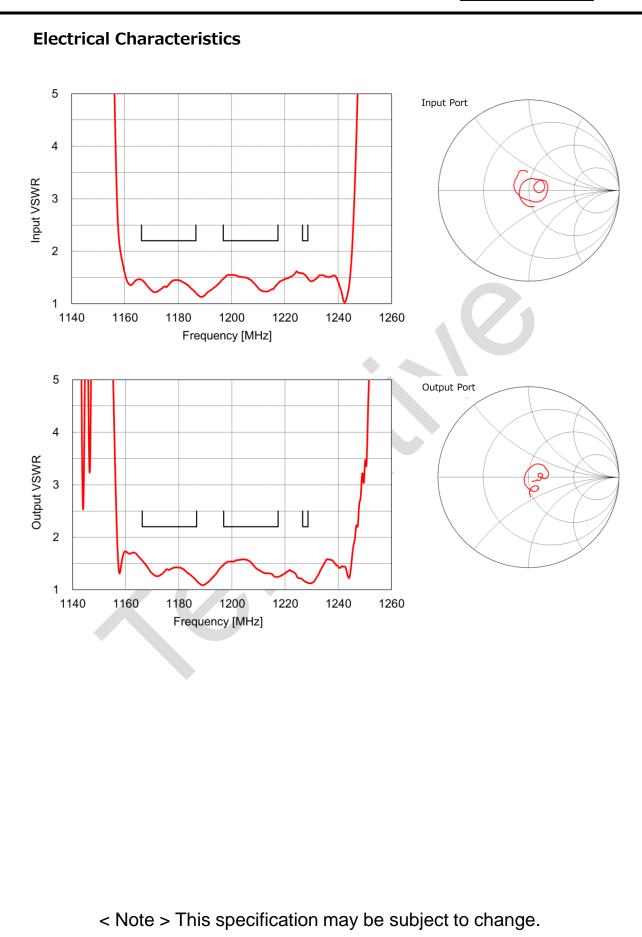
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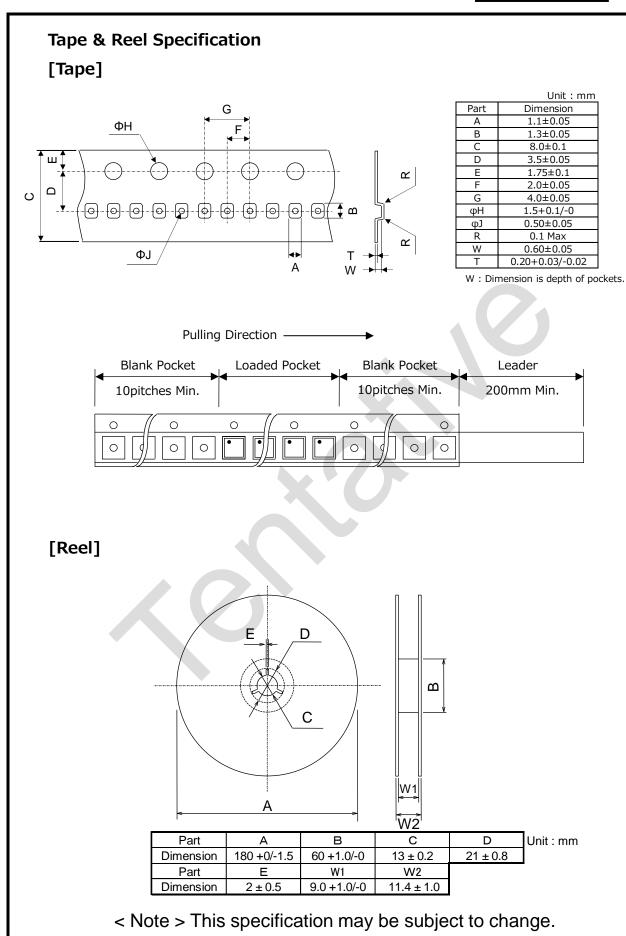
KYOCERA Corporation



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