



SK3400RE

Band40, RF-Rx SAW Filter
Unbalanced / 5pin / 1109
Rev 1.02

MSL 3 Device



- ☐ Electrical Characteristics
 - ☐ Package Dimensions
 - ☐ Testing Environment
 - ☐ Frequency Characteristics
 - ☐ Reflow Condition
-

□ Electrical Characteristics

Maximum Ratings

Parameters Description	Unit	Minimum	Typical	Maximum
Operating Temperature Range	°C	-30	-	+85
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	3
Maximum Input Power(CW signal for 5000h, @55°C)	dBm	-	-	15
Length x Width	mm ²	-	1.1 x 0.9	-
Height	mm	-	0.55	-

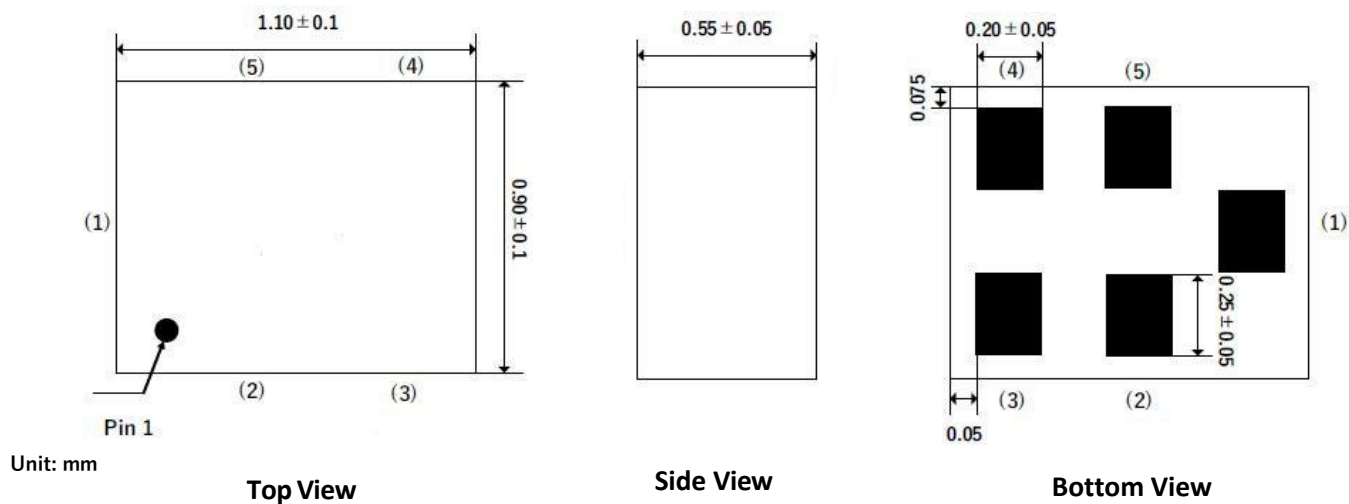
□ Electrical Characteristics

Electrical Specification

Parameters Description			Characteristics			Unit	Note
			-30 to +85 °C				
			Min	Typ (*)	Max		
Insertion Loss		2300 to 2400 MHz		1.9	3.0	dB	
Ripple		2300 to 2400 MHz		0.9	2.1	dB	
VSWR	RX	2300 to 2400 MHz		1.5	2.2		
	ANT	2300 to 2400 MHz		1.5	2.2		
Attenuation		500 to 824 MHz	35	41		dB	
		824 to 862 MHz	34	40		dB	
		880 to 915 MHz	33	40		dB	
		1559 to 1606 MHz	26	33		dB	
		1710 to 1785 MHz	27	34		dB	
		1920 to 1980 MHz	28	35		dB	
		2440 to 2500 MHz	27	34		dB	
		2500 to 2570 MHz	26	33		dB	
		2496 to 2690 MHz	26	33		dB	
		3300 to 3800 MHz	35	40		dB	
		3800 to 4200 MHz	35	41		dB	
		4600 to 4800 MHz	30	36		dB	
		4900 to 5950 MHz	26	33		dB	
		6900 to 7200 MHz	25	30		dB	

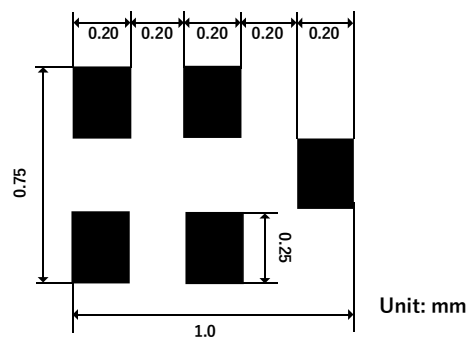
Note(*): Typical value at 25±2°C

Package Dimensions

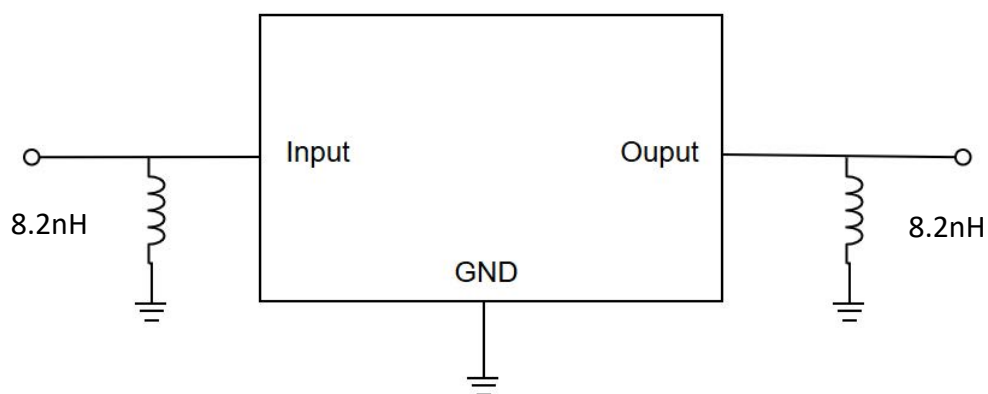


Pin Description	
2, 3, 5	Ground
1	Input
4	Output

Land Pattern

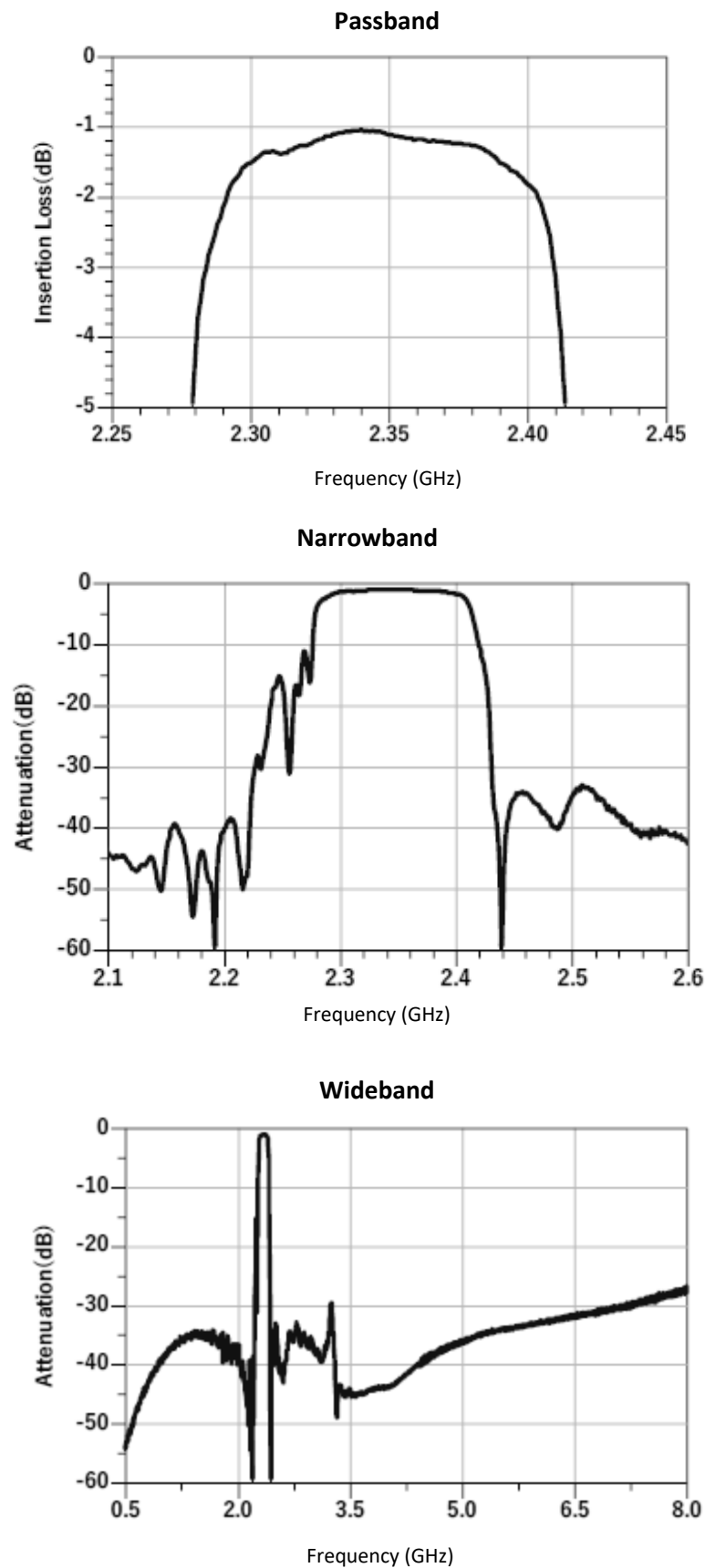


Testing Environment

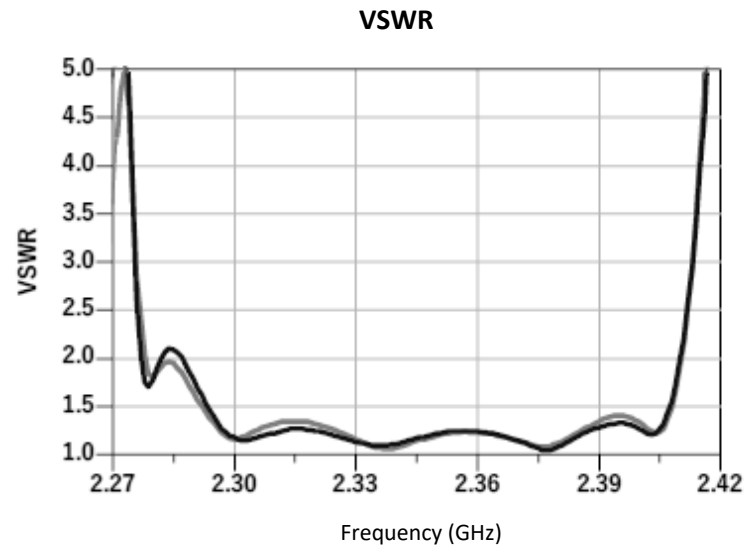


Source & Load Impedance: 50 Ω

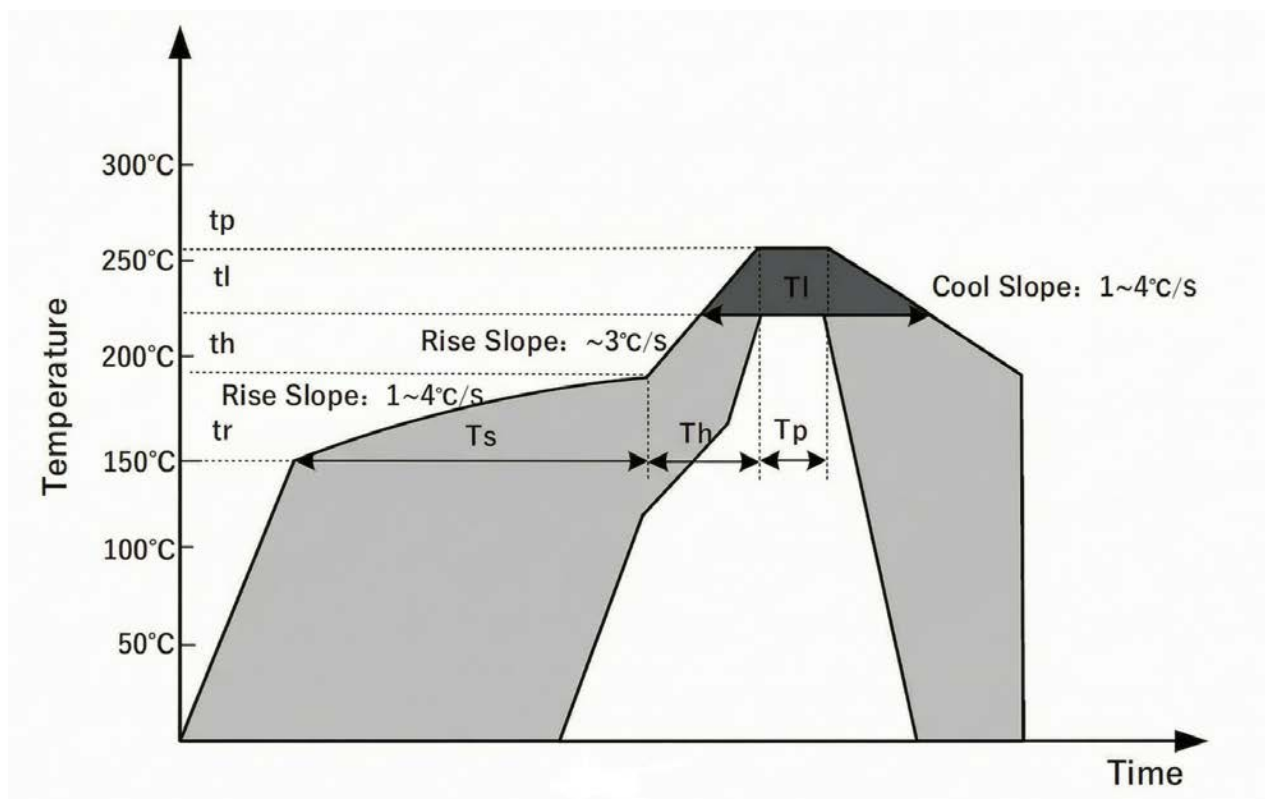
□ Frequency Characteristics



□ Frequency Characteristics



□ Reflow Condition



Reflow Parameter	Values
Preheating time T_s	50 ~ 110s
Temperature t_r	~150°C
Time T_h	~30s
Temperature t_h	~180°C
Peak Time T_p	~10s
Peak Temperature t_p	~255°C min
Time T_l	~230°C
Temperature t_l	~50s max