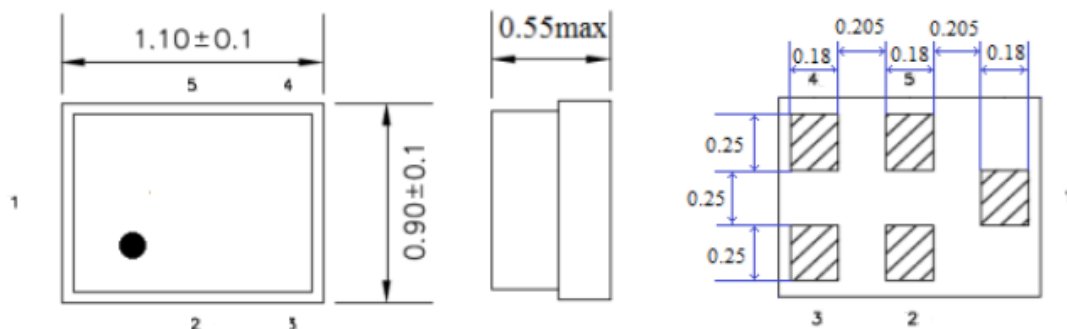


Electrical Specification

Parameters		Value	Unit
Center Frequency (Fo)		1189.000	MHz
Insertion Loss, tpy/max	@ 1164 ~ 1189 MHz	1.8 / 2.3	dB
	@ 1189 ~ 1214 MHz	1.9 / 2.4	dB
Amplitude Ripple	@ 1164 ~ 1189 MHz	0.5 / 1.3	dB
	@ 1189 ~ 1214 MHz	0.6 / 1.4	dB
VSWR		@ 1164 ~ 1214 MHz	2.0 / 2.2
Absolute Attenuation, tpy/min	@ 10 ~ 814 MHz	-53 / -63	dB
	@ 814 ~ 849 MHz	-53 / -68	dB
	@ 849 ~ 980 MHz	-51 / -65	dB
	@ 980 ~ 1010 MHz	-51 / -63	dB
	@ 1010 ~ 1100 MHz	-50 / -56	dB
	@ 1100 ~ 1130 MHz	-40 / -50	dB
	@ 1250 ~ 1427 MHz	-25 / -28	dB
	@ 1427 ~ 1463 MHz	-45 / -65	dB
	@ 1710 ~ 2025 MHz	-45 / -50	dB
	@ 2300 ~ 2690 MHz	-40 / -43	dB
	@ 2690 ~ 3000 MHz	-38 / -42	dB
	@ 3000 ~ 6000 MHz	-30 / -35	dB
Terminating Impedance	Input	50 // 17	Ω // nH
	Output	50 // 17	Ω // nH
ESD voltage Sensitive discharge device	ESD(HBM)	50	VDC
	ESD(MM)	175	
DC. Voltage VDC		5	V
Input Power, max, CW 5000h, 50°C		15	dBm
Operating Temperature Range		-30 ~ +85	°C
Storage Temperature Range		-40 ~ +85	°C

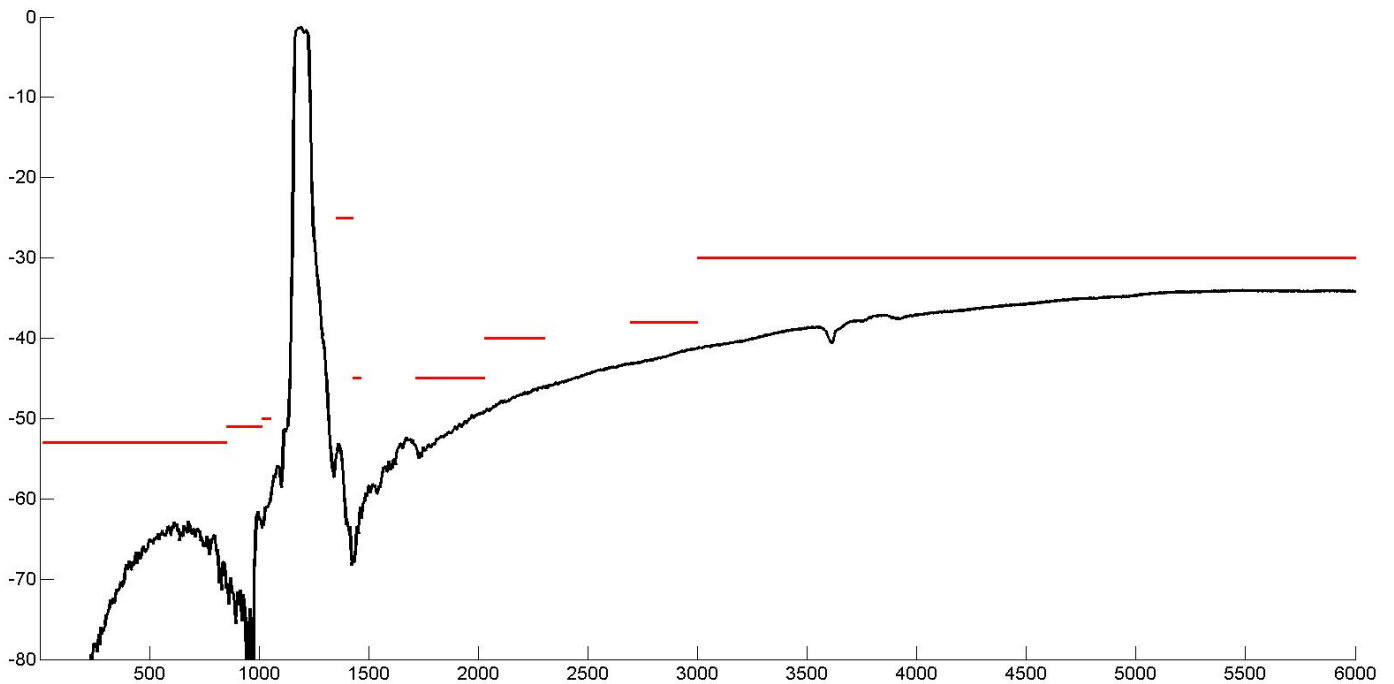
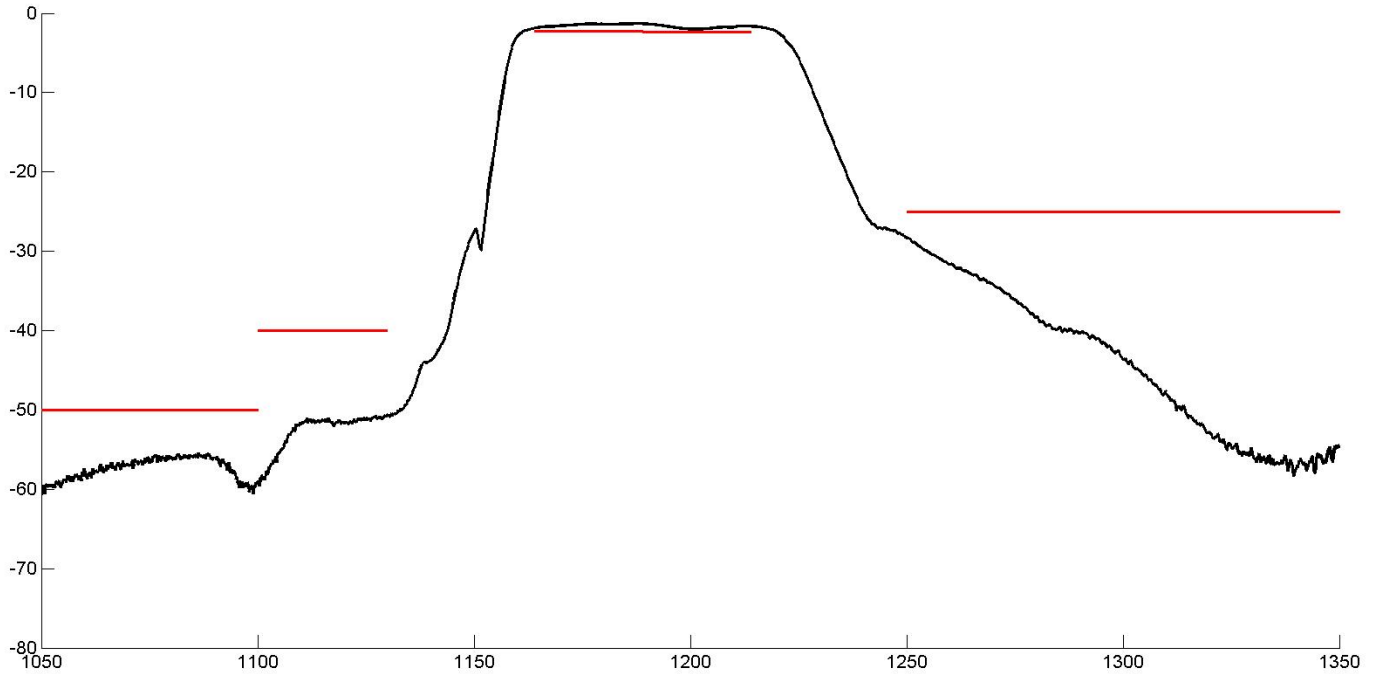
Dimension



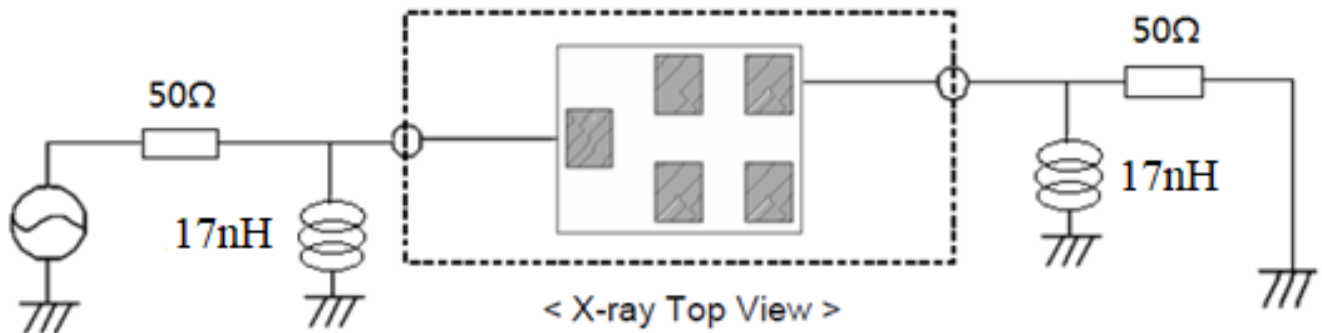
Unit: mm

PIN #	PIN NAME	DESCRIPTION
1	IN	Input
4	OUT	Output
2,3,5	GND	Ground

Frequency Characteristics



Test Circuit

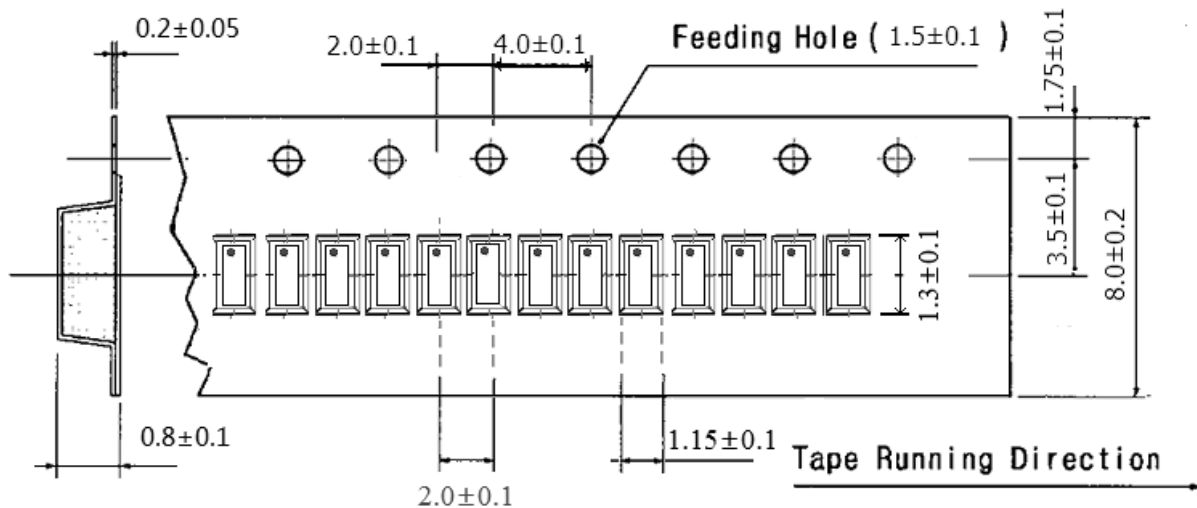


Environmental

PARAMETER	VALUE
MOISTURE SENSITIVITY LEVEL	2
REACH – SVHC	Compliant
RoHS	Compliant



Tape Dimension



● APPROVAL

DRAWN BY	ZZ, August 12, 2021
APPROVED BY	AR, August 12, 2021
REVISION	A, Initial Release

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