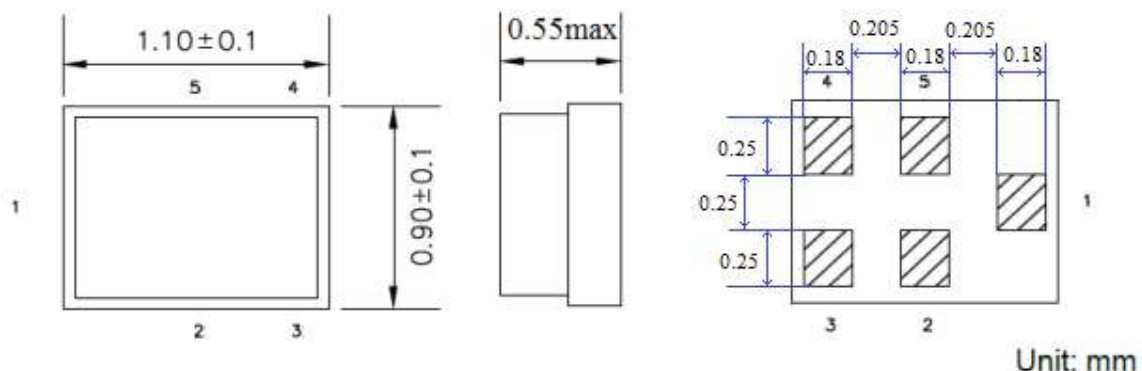


Electrical Specifications

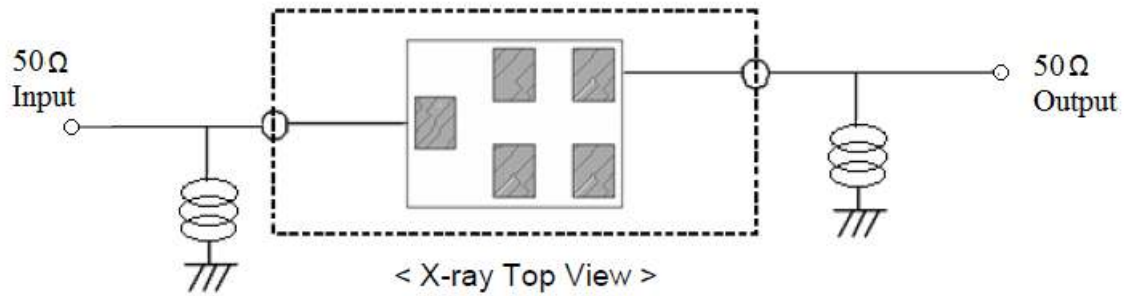
Parameters		Value	Unit
Center Frequency (Fo)		2442.000	MHz
Insertion Loss, typ/max	@ 2402.500 ~ 2421.500 MHz	2.3 / 2.6	dB
	@ 2407.500 ~ 2426.500 MHz	2.0 / 2.3	dB
	@ 2412.500 ~ 2471.500 MHz	1.7 / 2.0	dB
	@ 2457.500 ~ 2476.500 MHz	1.7 / 2.0	dB
	@ 2462.500 ~ 2481.500 MHz	2.0 / 2.3	dB
Amplitude Ripple, typ/max (p-p)	@ 2402.500 ~ 2481.500 MHz	0.8 / 1.5	dB
VSWR, typ/max	@ 2402.500 ~ 2481.500 MHz	1.7 / 2.1	-
Attenuation, min/typ	@ 925.000~960.000 MHz	-30 / -34	dB
	@ 1559.000 ~ 1606.000 MHz	-30 / -33	dB
	@ 2110.000 ~ 2170.000 MHz	-30 / -34	dB
	@ 2300.000 ~ 2360.000 MHz	-38 / -42	dB
	@ 2505.000 ~ 2570.000 MHz	-35 / -40	dB
	@ 2570.000 ~ 2620.000 MHz	-32 / -36	dB
	@ 2620.000 ~ 2690.000 MHz	-30 / -34	dB
	@ 4900.000 ~ 5950.000 MHz	-32 / -37	dB
@ 7200.000 ~ 7500.000 MHz	-27 / -30	dB	
DC Voltage VDC		5	V
Input Power, max	@ 5000h, 50°C	25	dBm
ESD Voltage Sensitive Discharge Device	ESD(MM):	50	VDC
	ESD(HBM):	175	VDC
Operating Temperature Range		-30 ~ +85	°C
Storage Temperature Range		-40 ~ +85	°C

Dimension

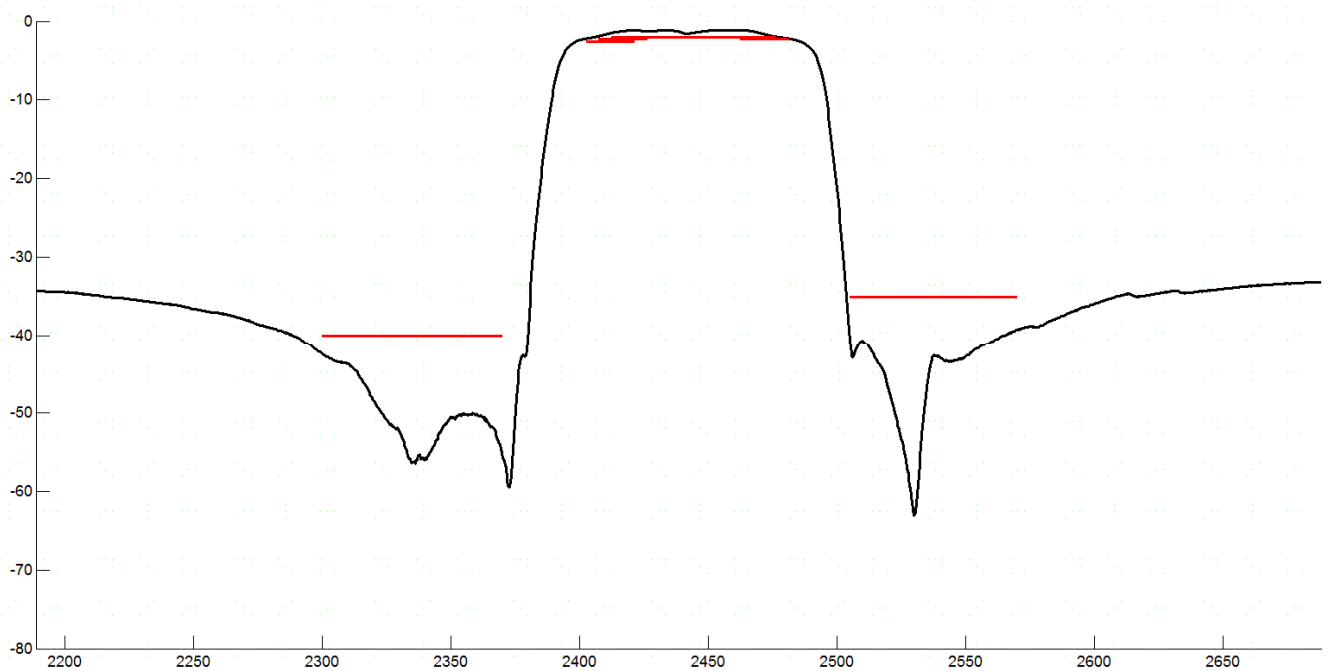


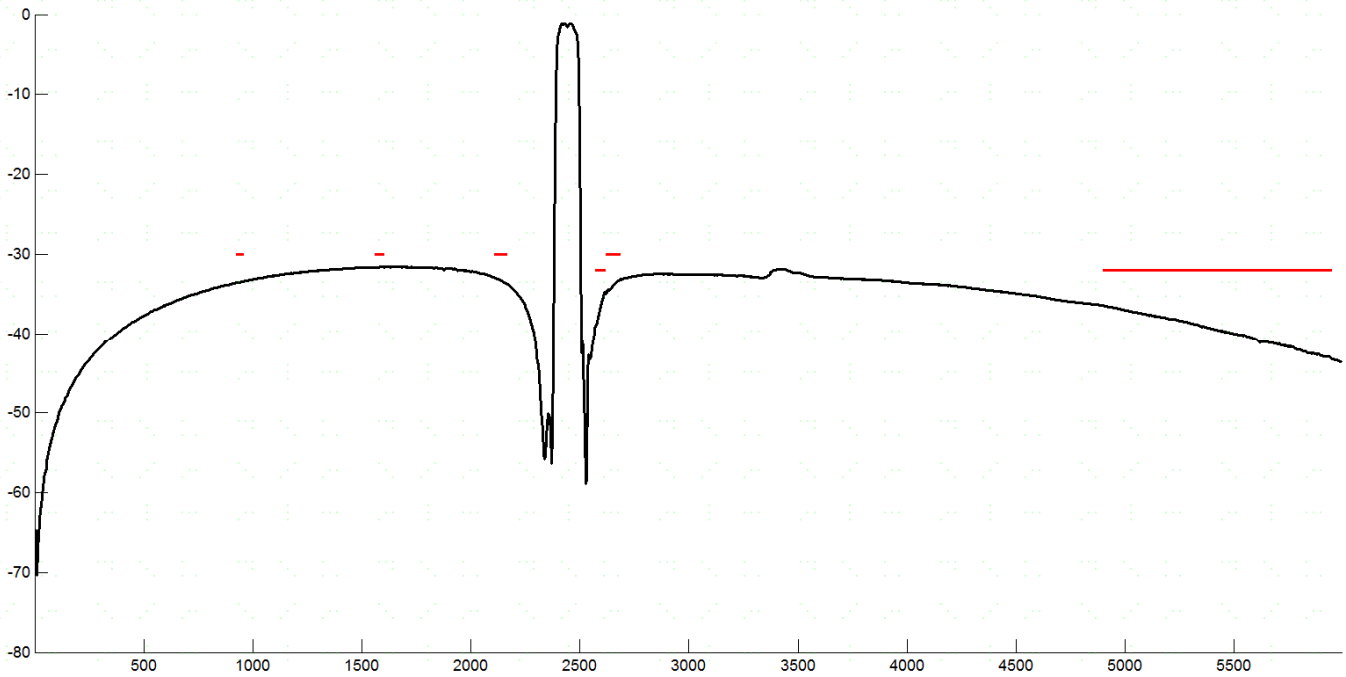
PIN #	PIN NAME	DESCRIPTION
1	IN	Input
4	OUT	Output
2,3,5	GND	Ground

Test Circuit

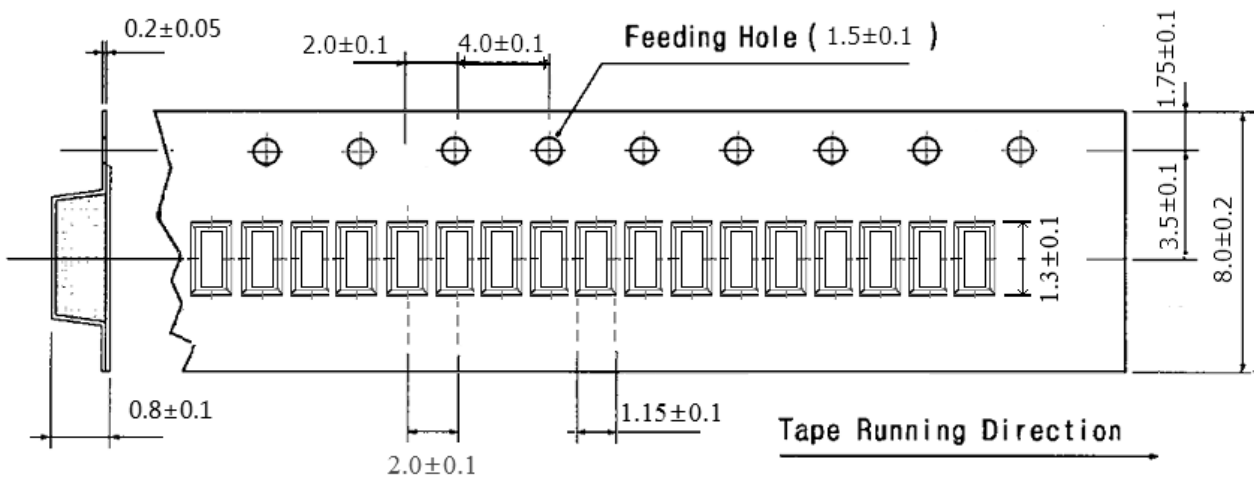


Frequency Characteristics





Tape Dimension



Environmental

PARAMETER	VALUE
REACH – SVHC	Compliant
RoHS	Compliant
PACKAGING	TAPE & REEL
MOISTURE SENSITIVITY LEVEL	2



● APPROVAL

DRAWN BY	ZZ, August 11, 2021
APPROVED BY	AG, August 11, 2021
REVISION	A, Initial Release

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