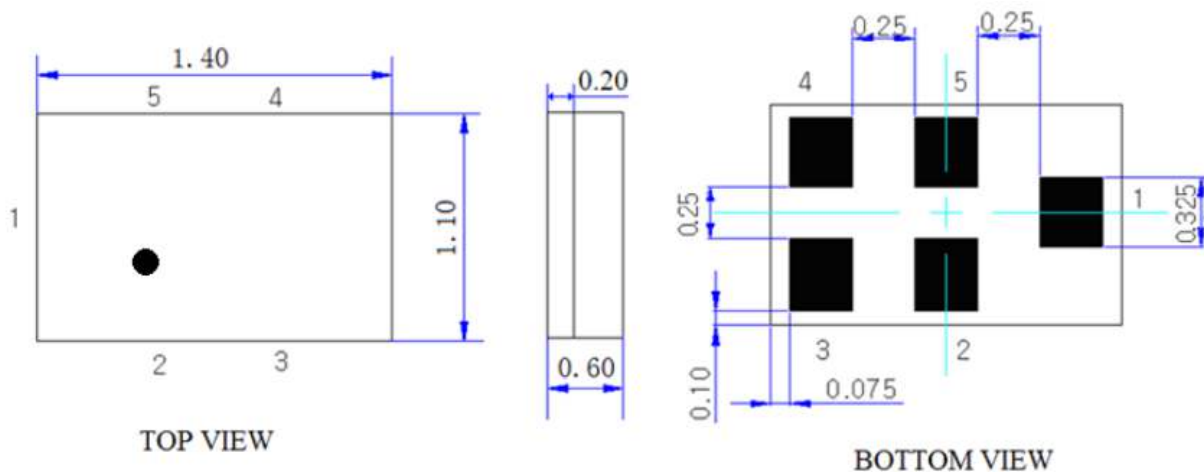


Electrical Specification

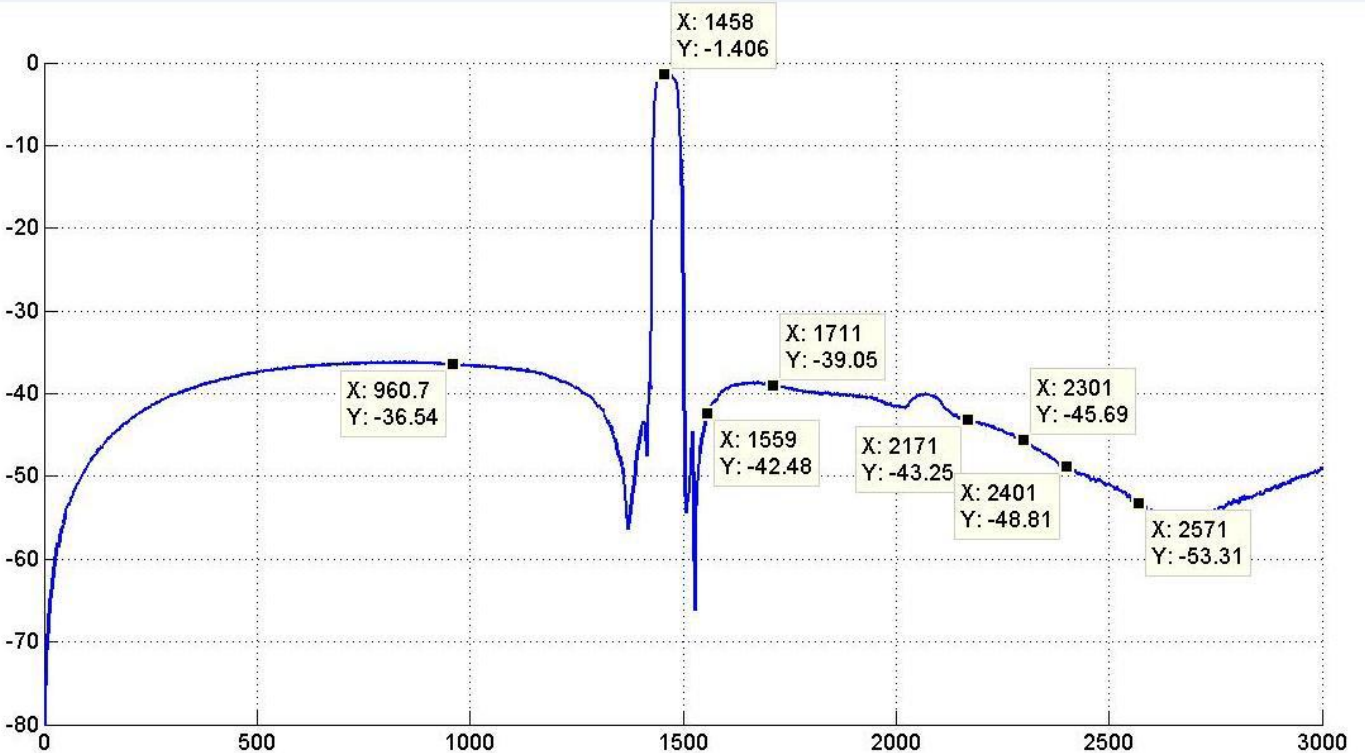
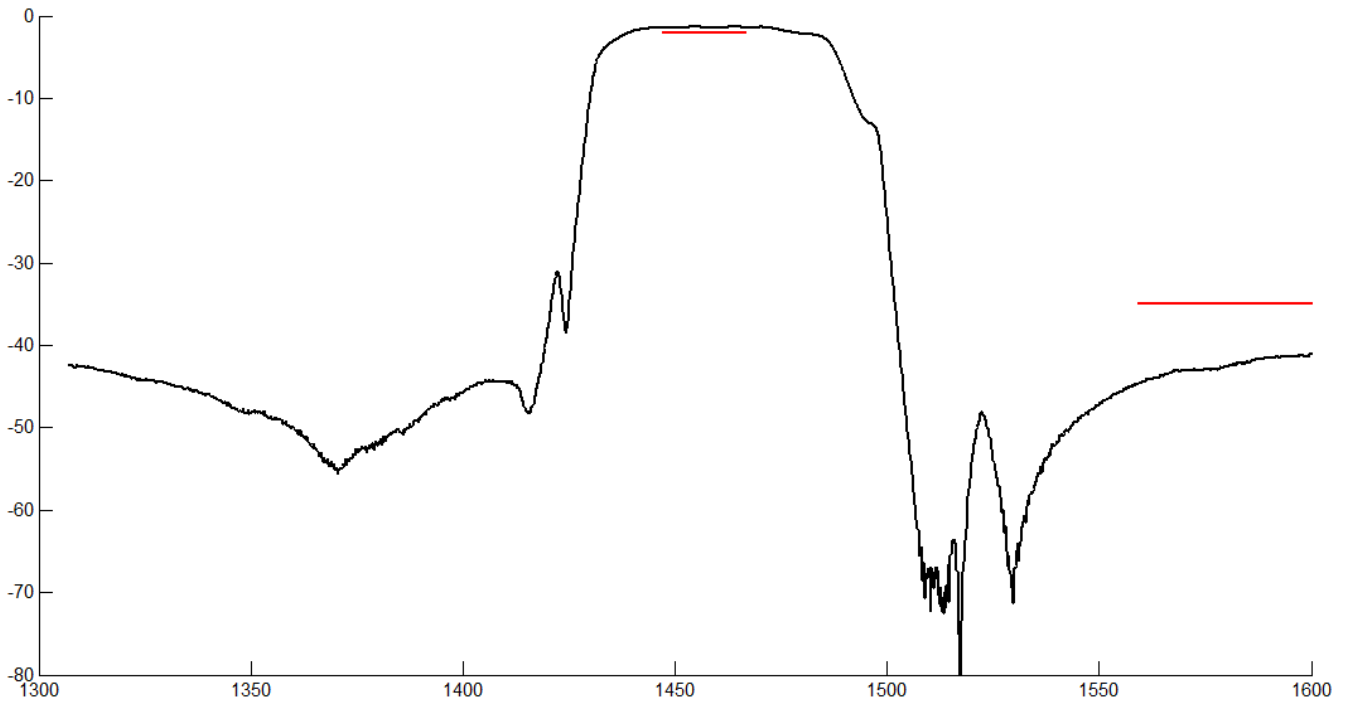
Parameters		Value	Unit
Center Frequency (Fo)		1457.000	MHz
Insertion Loss, tpy/max	@ 1447 ~ 1467 MHz	1.4 / 2.0	dB
Amplitude Ripple	@ 1447 ~ 1467 MHz	0.3 / 1.0	dB
Input / Output VSWR	@ 1447 ~ 1467 MHz	1.3 / 2.0	-
Absolute Attenuation, tpy/min	@ 10 ~ 960 MHz	-33 / -36	dB
	@ 1559 ~ 1606 MHz	-35 / -39	dB
	@ 1710 ~ 2170 MHz	-35 / -39	dB
	@ 2300 ~ 2400 MHz	-40 / -45	dB
	@ 2400 ~ 2500 MHz	-40 / -48	dB
	@ 2570 ~ 3000 MHz	-40 / -48	dB
Terminating Impedance	Input	50	Ω
	Output	50	Ω
ESD voltage Sensitive discharge device	ESD(HBM)	50	VDC
	ESD(MM)	175	
DC. Voltage VDC		5	V
Input Power, max, 2000h		29	dBm
Operating Temperature Range		-30 ~ +85	$^{\circ}\text{C}$
Storage Temperature Range		-40 ~ +85	$^{\circ}\text{C}$

Dimension

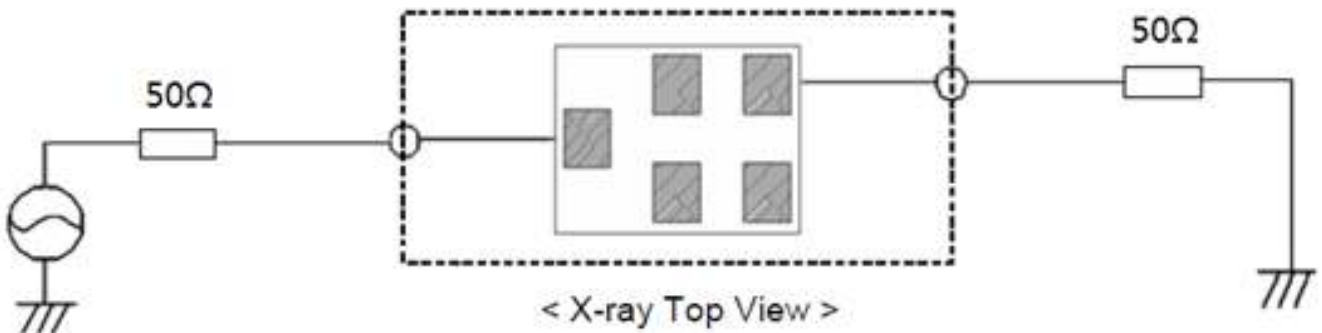


PIN #	PIN NAME	DESCRIPTION
1	IN	Input
4	OUT	Output
2,3,5	GND	Ground

Frequency Characteristics



Test Circuit

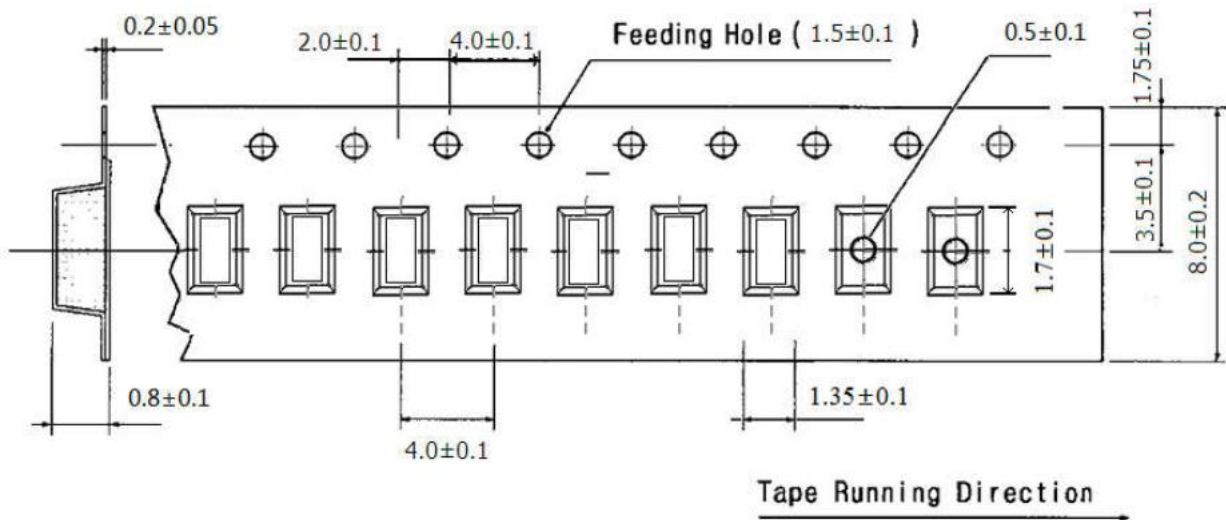


Environmental

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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