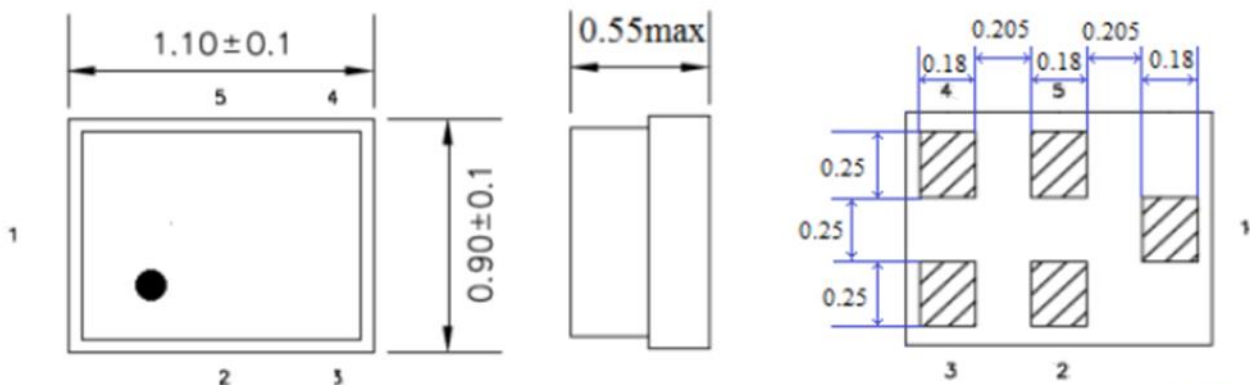


Electrical Specification

Parameters		Value	Unit
Center Frequency (Fo)		942.500	MHz
Insertion Loss, typ/max	925 ~ 960 MHz	2.1 / 2.5	dB
VSWR, typ/max	Input	925 ~ 960 MHz	1.6 / 2.0
	Output		1.6 / 2.0
Amplitude Pipple, typ/max		0.8 / 1.8	dB
Attenuation, min/typ	45 MHz	-40 / -60	dB
	835 MHz ~ 870 MHz	-38 / -42	dB
	880 MHz ~ 915 MHz	-35 / -41	dB
	1805 MHz ~ 1880 MHz	-39 / -46	dB
	1850 MHz ~ 1920 MHz	-38 / -45	dB
	2400 MHz ~ 2500 MHz	-35 / -40	dB
	2685 MHz ~ 2880 MHz	-31 / -36	dB
	3700 MHz ~ 3840 MHz	-30 / -35	dB
4000 MHz ~ 6000 MHz		-28 / -33	dB
Input Power, max, CW 3000h, 50°C		15	dBm
DC Voltage, 25+/-2 °C		3	V
ESD Voltage	ESD (MM)	50	VDC
Sensitive Discharge Device	ESD (HBM)	175	VDC
Input and Output Impedance		50	Ω
Operating Temperature Range		-30 to +85	°C
Storage Temperature Range		-40 to +85	°C

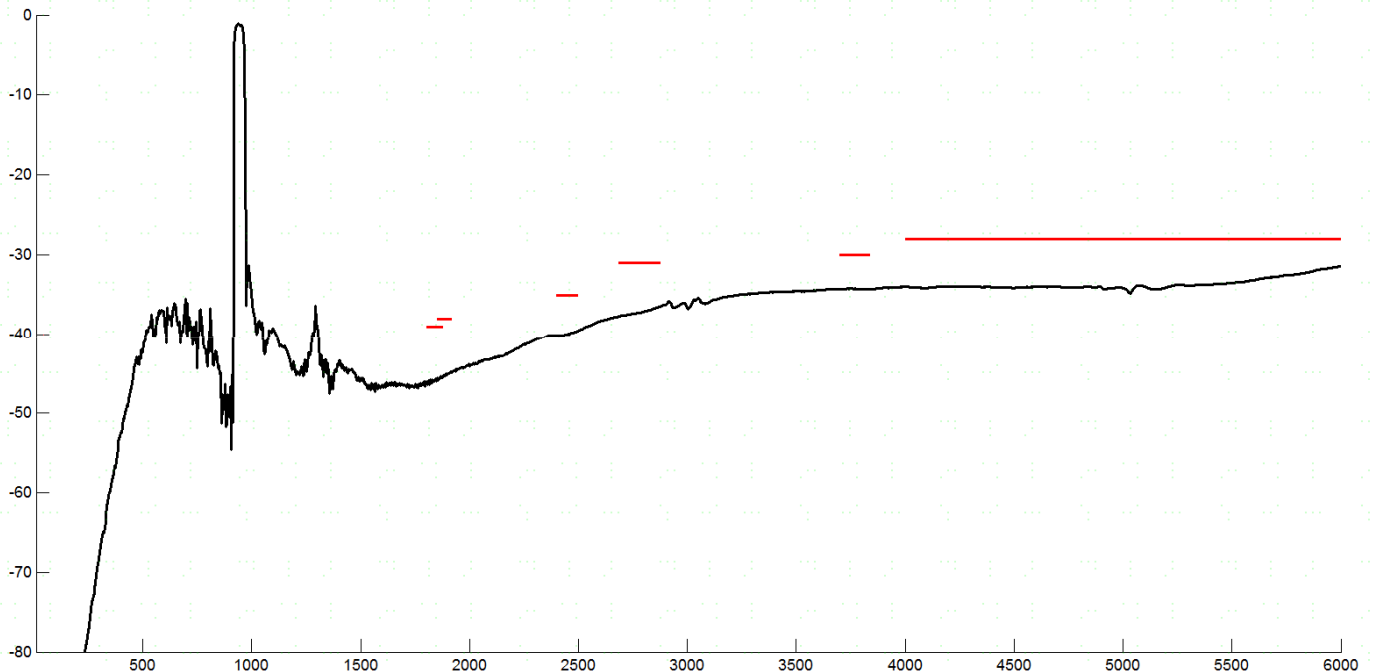
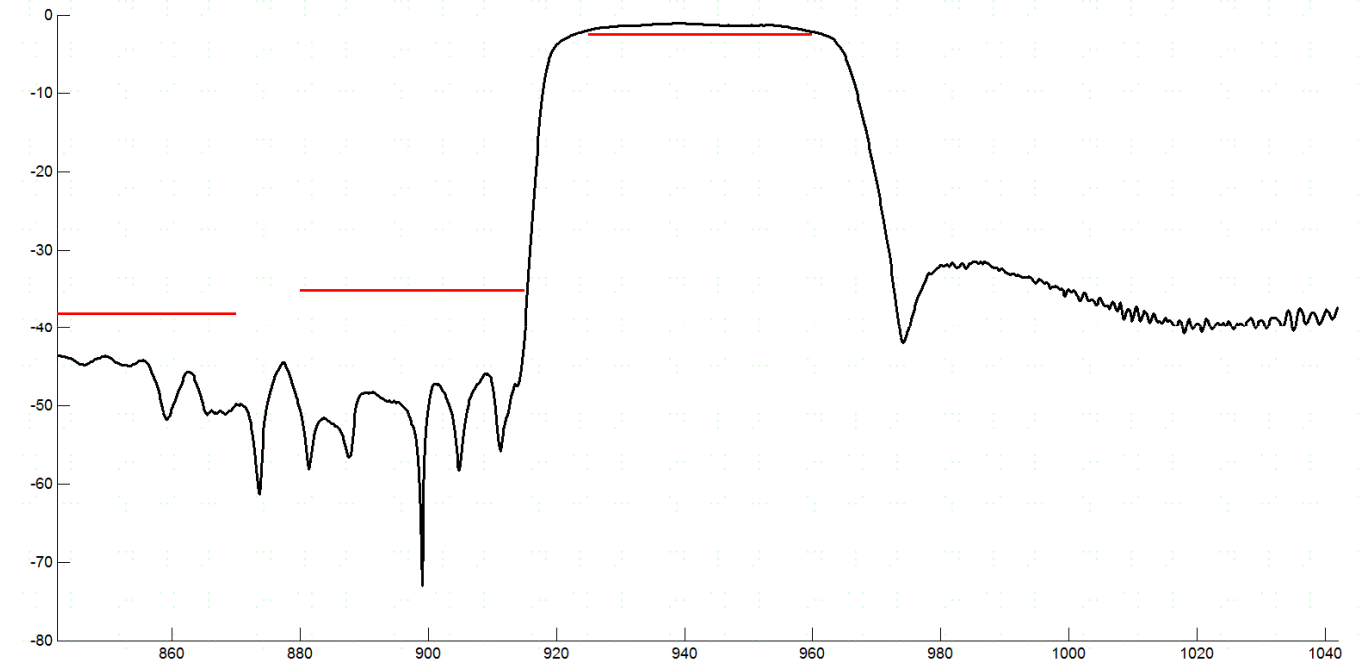
Dimension



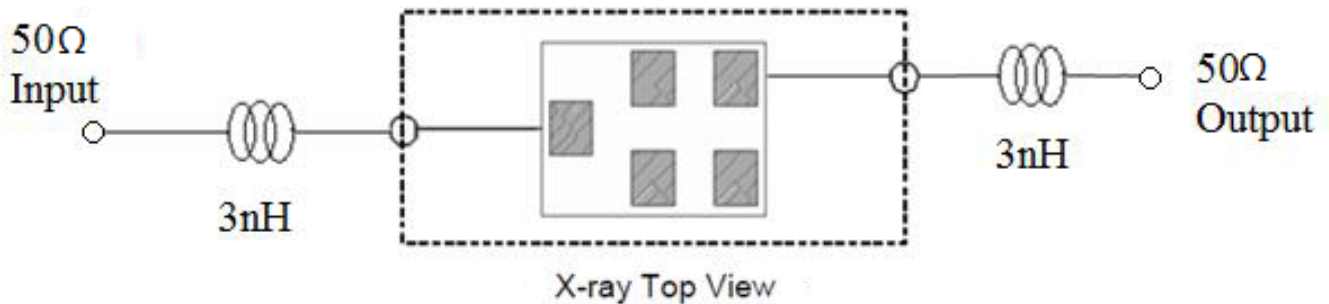
Unit: mm

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

Frequency Characteristics



Test Circuit

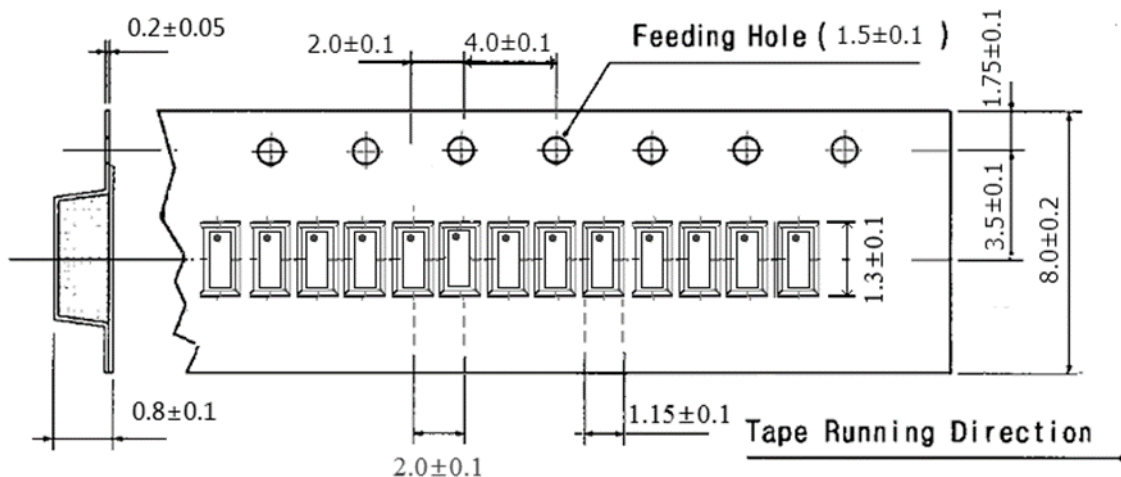


Environmental

PARAMETER	VALUE
MOISTURE SENSITIVITY LEVEL	2
REACH – SVHC	Compliant
RoHS	Compliant
PACKAGING	Tape & Reel



Tape Dimension



APPROVAL

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

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