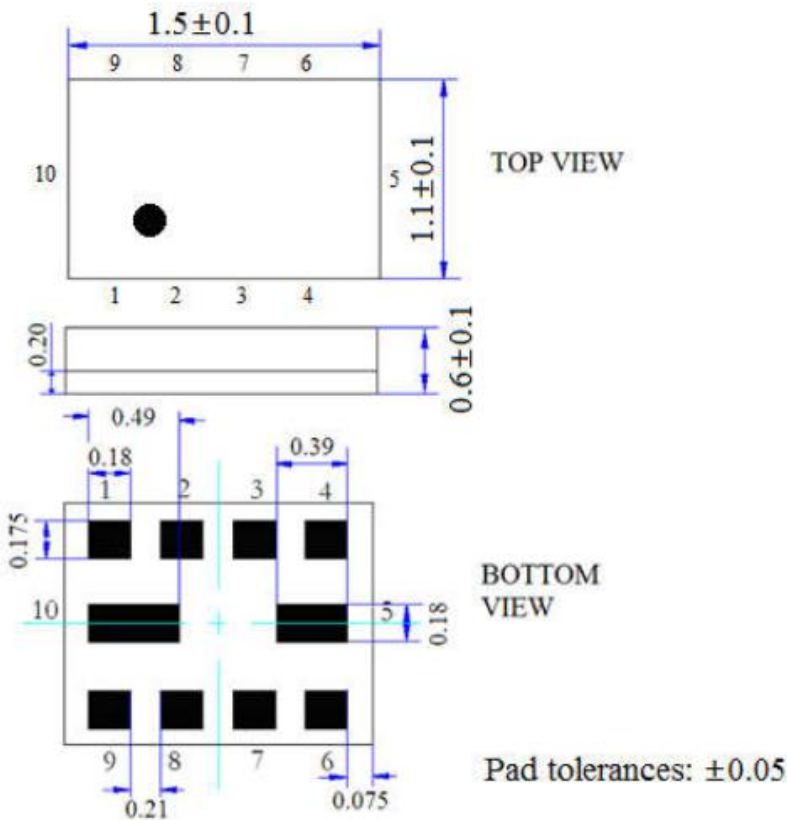


Electrical Specification

Parameters		Value	Unit
Center Frequency (Fo)		1197.420	MHz
Insertion Loss, tpy/max	GPS L5	@ 1166.22 ~ 1186.68 MHz	1.2 / 1.8
	BD B2	@ 1205.09 ~ 1209.19 MHz	1.2 / 1.8
	GPS L2	@ 1226.58 ~ 1228.62 MHz	1.2 / 1.8
Pass Band Ripple		@ 1166.22 ~ 1228.62 MHz	0.5 / 1.0
Group Delay Ripple		@ 1166.22 ~ 1228.62 MHz	10 / 25
VSWR		@ 1166.22 ~ 1228.62 MHz	1.5 / 2.0
Absolute Attenuation, tpy/min	@ DC ~ 748 MHz		-33 / -40
	@ 777 ~ 798 MHz		-30 / -40
	@ 807 ~ 915 MHz		-30 / -36
	@ 925 ~ 960 MHz		-25 / -32
	@ 1427 ~ 1463 MHz		-25 / -30
	@ 1626.5 ~ 1660.5 MHz		-25 / -33
	@ 1695 ~ 1785 MHz		-28 / -36
	@ 1850 ~ 2025 MHz		-34 / -37
	@ 2300 ~ 2400 MHz		-32 / -36
	@ 2400 ~ 2483 MHz		-32 / -35
	@ 2496 ~ 2690 MHz		-30 / -33
	@ 3400 ~ 3800 MHz		-27 / -30
	@ 4400 ~ 4900 MHz		-25 / -28
@ 5150 ~ 5925 MHz		-24 / -27	
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

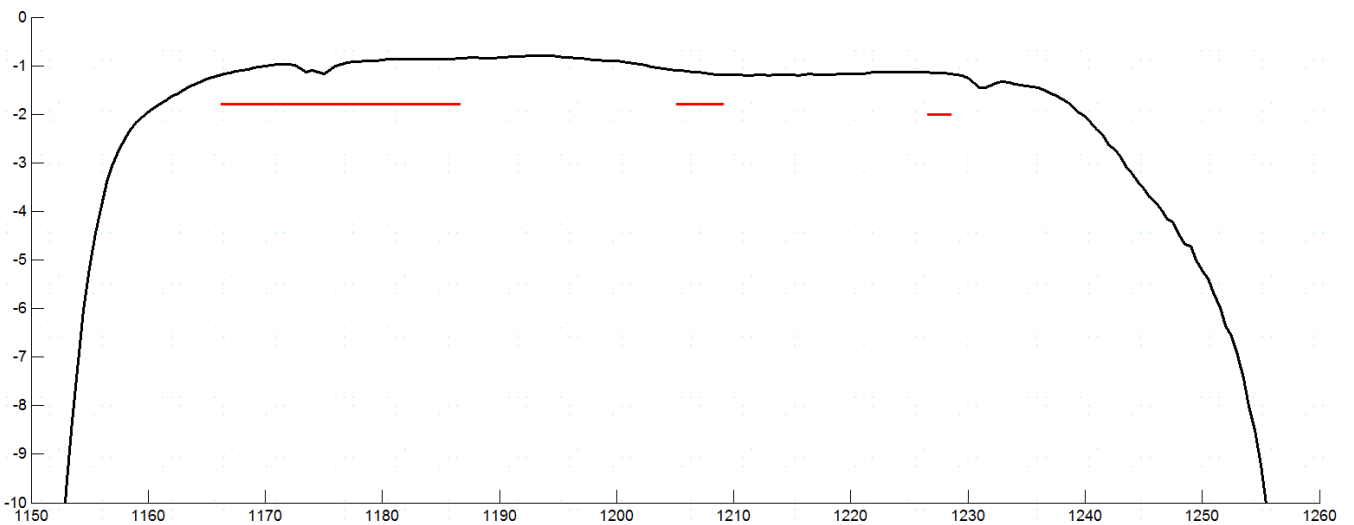
Dimension

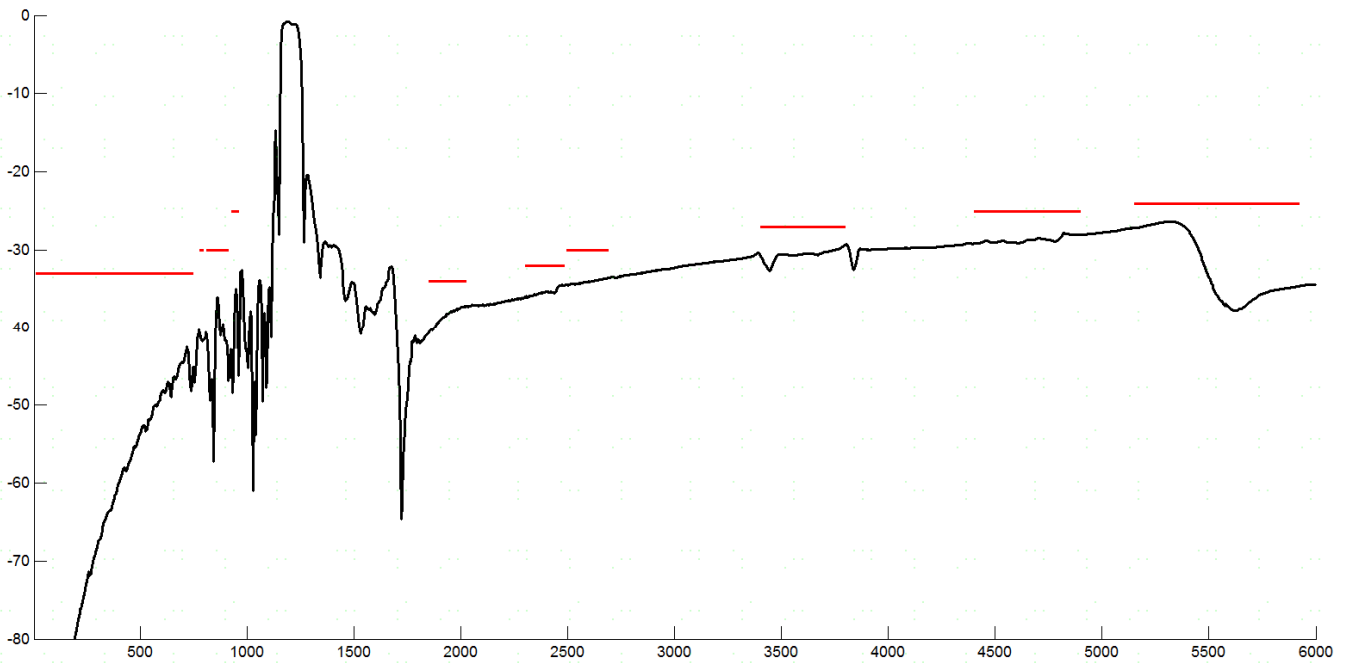
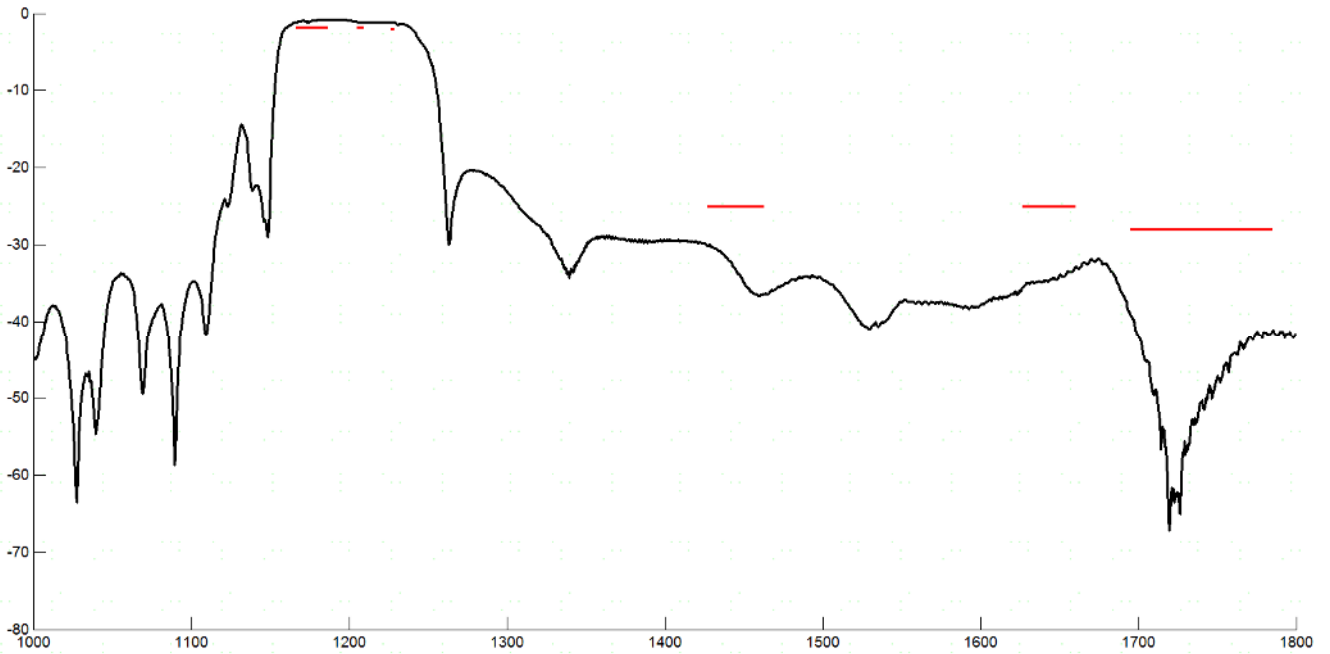


Pin Configuration

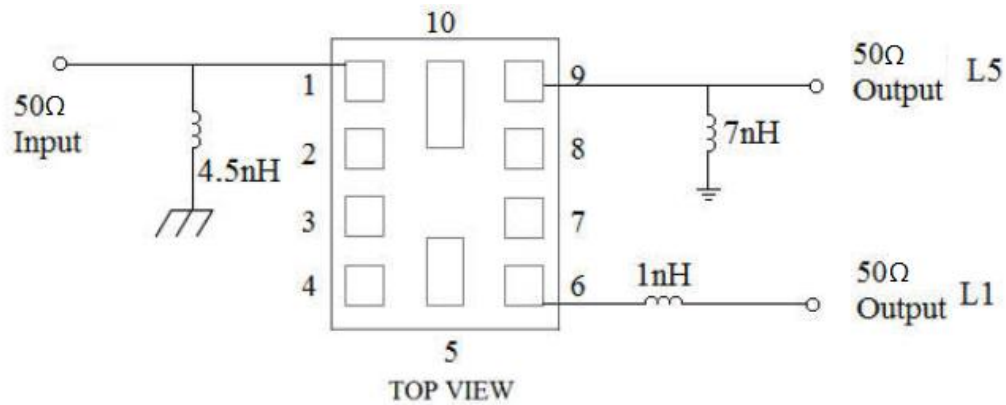
- 1. Input (L1/L5)
- 6. Output(High Freq. Filter L1)
- 9. Output(Low Freq. Filter L5)
- Other Ground

Frequency Characteristics





Test Circuit

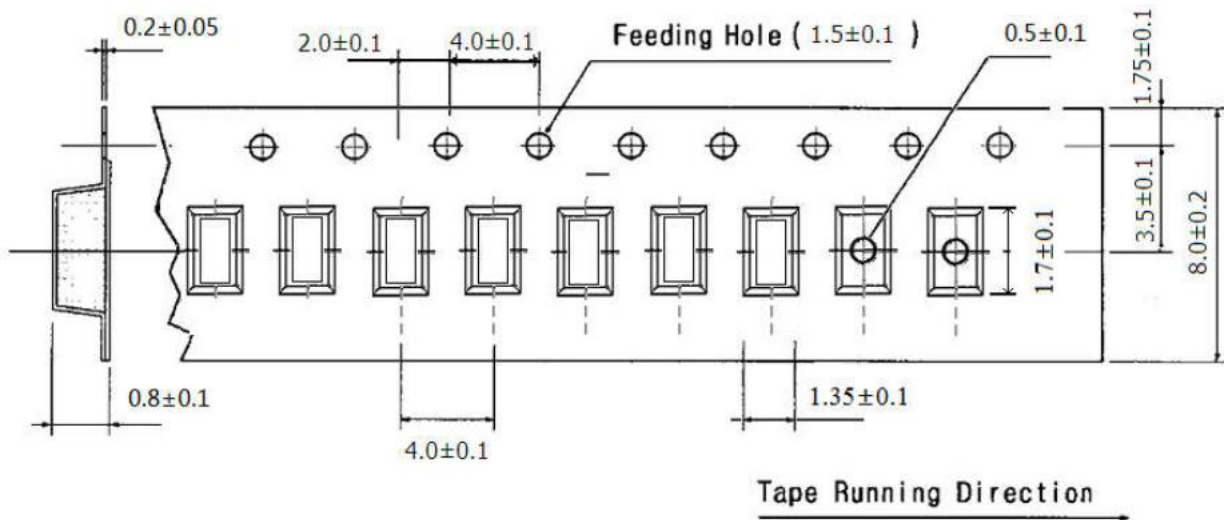


Environmental

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



Tape Dimension



● APPROVAL

DRAWN BY	ZZ, August 9, 2021
APPROVED BY	AR, August 9, 2021
REVISION	A, Initial Release

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