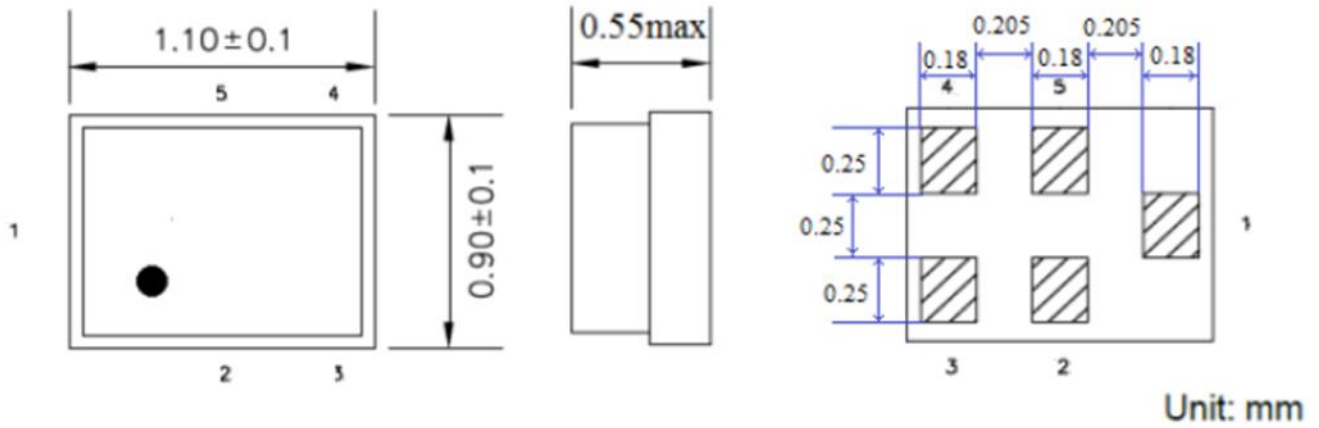


Electrical Specifications

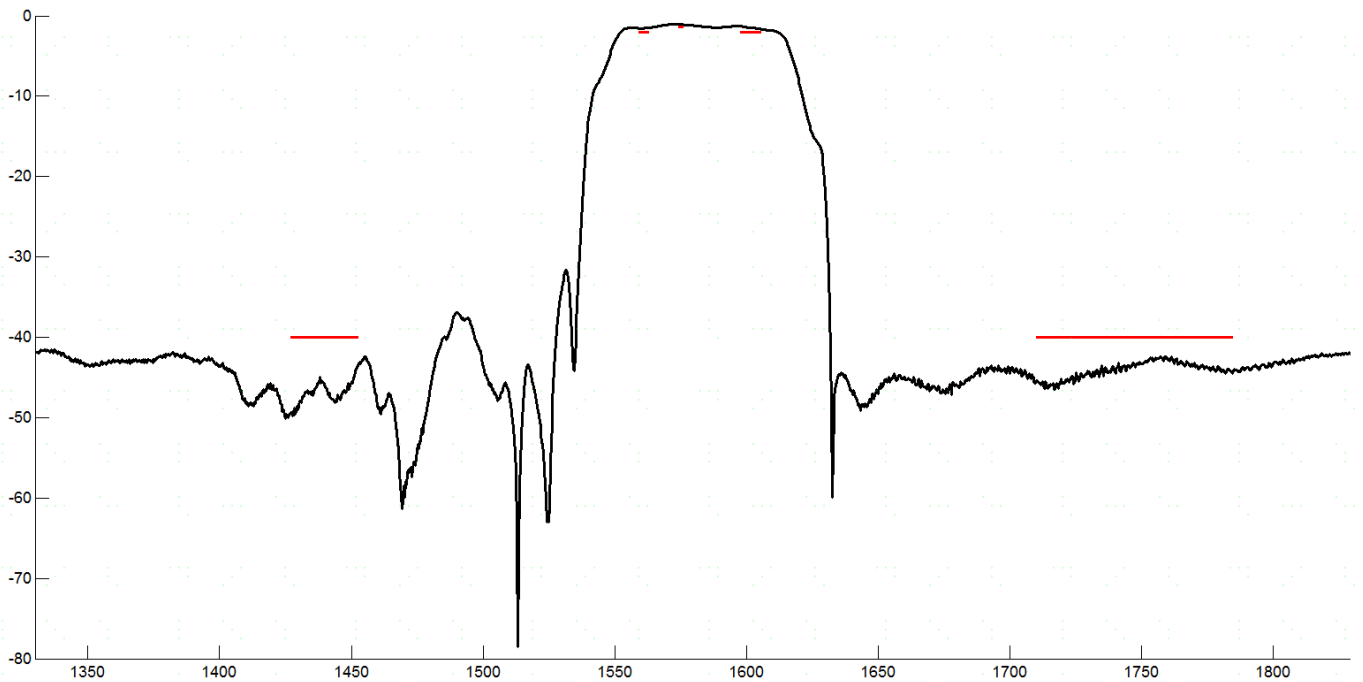
Parameters	Value	Unit
Center Frequency (Fo)	1582.400	MHz
Insertion Loss, typ/max	1574.42 ~ 1576.42 MHz	1.0 / 1.4
	1559.05 ~ 1563.15 MHz	1.6 / 2.0
	1573.37 ~ 1577.47 MHz	1.2 / 2.0
	1597.78 ~ 1605.66 MHz	1.4 / 2.0
VSWR, typ/max	1574.42 ~ 1576.42 MHz	1.2 / 2.0
	1559.05 ~ 1563.15 MHz	1.6 / 2.0
	1573.37 ~ 1577.47 MHz	1.4 / 2.0
	1597.78 ~ 1605.66 MHz	1.6 / 2.0
Pass band ripple, typ/max	1574.42 ~ 1576.42 MHz	0.2 / 1.0
	1559.05 ~ 1563.15 MHz	0.3 / 1.0
	1573.37 ~ 1577.47 MHz	0.2 / 1.0
	1597.78 ~ 1605.66 MHz	0.4 / 1.0
Attenuation, min/typ	10 ~ 925 MHz	-35 / -40
	1427 ~ 1453 MHz	-40 / -43
	1710 ~ 1785 MHz	-40 / -43
	1850 ~ 1910 MHz	-36 / -41
	1920 ~ 1980 MHz	-36 / -40
	2010 ~ 2025 MHz	-36 / -40
	2300 ~ 2400 MHz	-38 / -42
	2400 ~ 2500 MHz	-38 / -42
	2500 ~ 2570 MHz	-37 / -42
	2600 ~ 3000 MHz	-35 / -43
4900 ~ 5850 MHz	-20 / -33	
ESD voltage Sensitive discharge device	ESD(MM)	50
	ESD(HBM)	175
DC Voltage	5	V
Input Power, max (5000h, 50°C)	15	dBm
Operating Temperature Range	-30 to +85	°C
Storage Temperature Range	-40 to +85	°C

Dimension

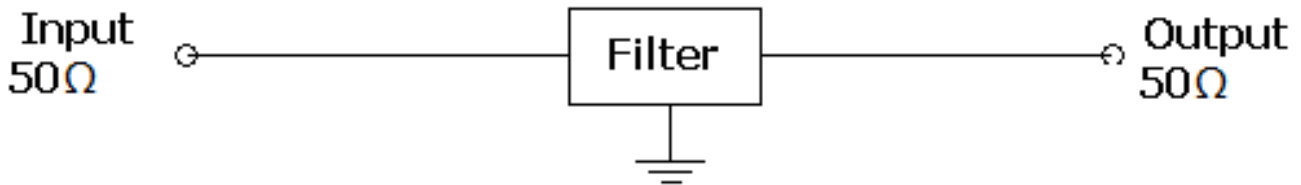


PIN #	PIN NAME	DESCRIPTION
1	IN	Input
4	OUT	Output
2,3,5	GND	Ground

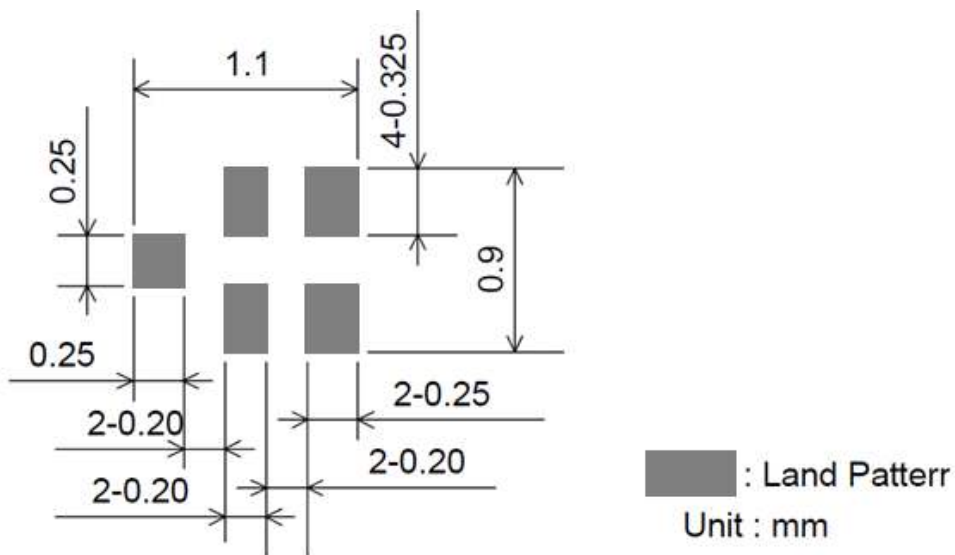
Frequency Characteristics



Test Circuit



Land Pattern



Environmental

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



APPROVAL

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

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