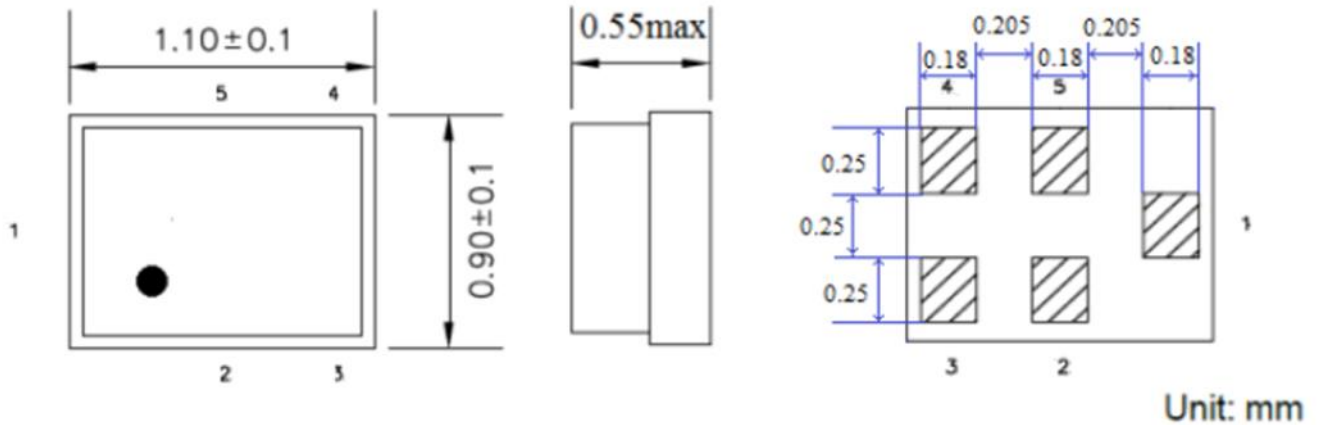


Electrical Specifications

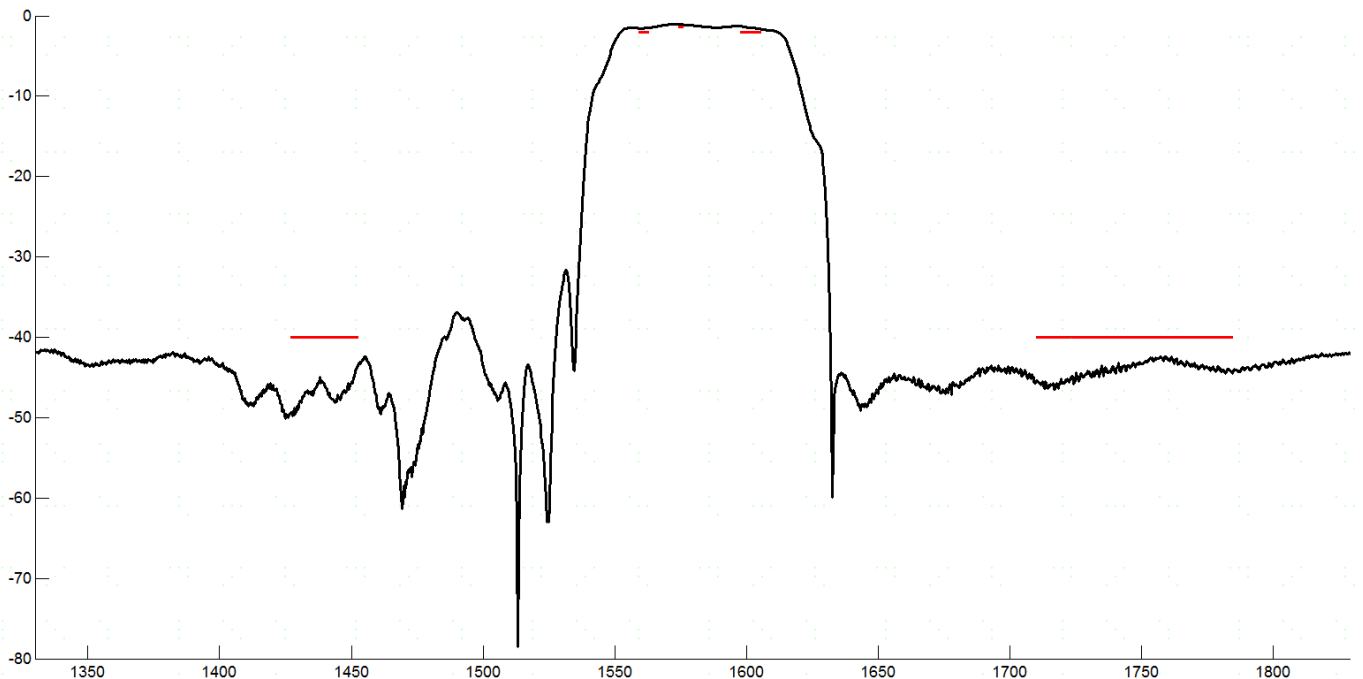
Parameters		Value	Unit
Center Frequency (Fo)		1582.400	MHz
Insertion Loss, typ/max	1574.42 ~ 1576.42 MHz	1.0 / 1.4	dB
	1559.05 ~ 1563.15 MHz	1.6 / 2.0	dB
	1573.37 ~ 1577.47 MHz	1.2 / 2.0	dB
	1597.78 ~ 1605.66 MHz	1.4 / 2.0	dB
VSWR, typ/max	1574.42 ~ 1576.42 MHz	1.2 / 2.0	dB
	1559.05 ~ 1563.15 MHz	1.6 / 2.0	dB
	1573.37 ~ 1577.47 MHz	1.4 / 2.0	dB
	1597.78 ~ 1605.66 MHz	1.6 / 2.0	dB
Pass band ripple, typ/max	1574.42 ~ 1576.42 MHz	0.2 / 1.0	dB
	1559.05 ~ 1563.15 MHz	0.3 / 1.0	dB
	1573.37 ~ 1577.47 MHz	0.2 / 1.0	dB
	1597.78 ~ 1605.66 MHz	0.4 / 1.0	dB
Attenuation, min/typ	10 ~ 925 MHz	-35 / -40	dB
	1427 ~ 1453 MHz	-40 / -43	dB
	1710 ~ 1785 MHz	-40 / -43	dB
	1850 ~ 1910 MHz	-36 / -41	dB
	1920 ~ 1980 MHz	-36 / -40	dB
	2010 ~ 2025 MHz	-36 / -40	dB
	2300 ~ 2400 MHz	-38 / -42	dB
	2400 ~ 2500 MHz	-38 / -42	dB
	2500 ~ 2570 MHz	-37 / -42	dB
	2600 ~ 3000 MHz	-35 / -43	dB
4900 ~ 5850 MHz	-20 / -33	dB	
ESD voltage Sensitive discharge device	ESD(MM)	50	VDC
	ESD(HBM)	175	VDC
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

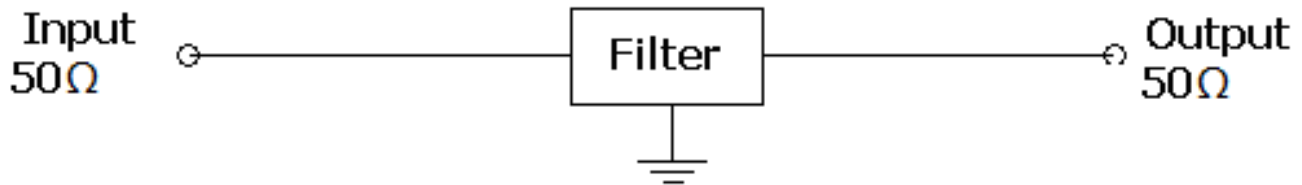


PIN #	PIN NAME	DESCRIPTION
1	IN	Input
4	OUT	Output
2,3,5	GND	Ground

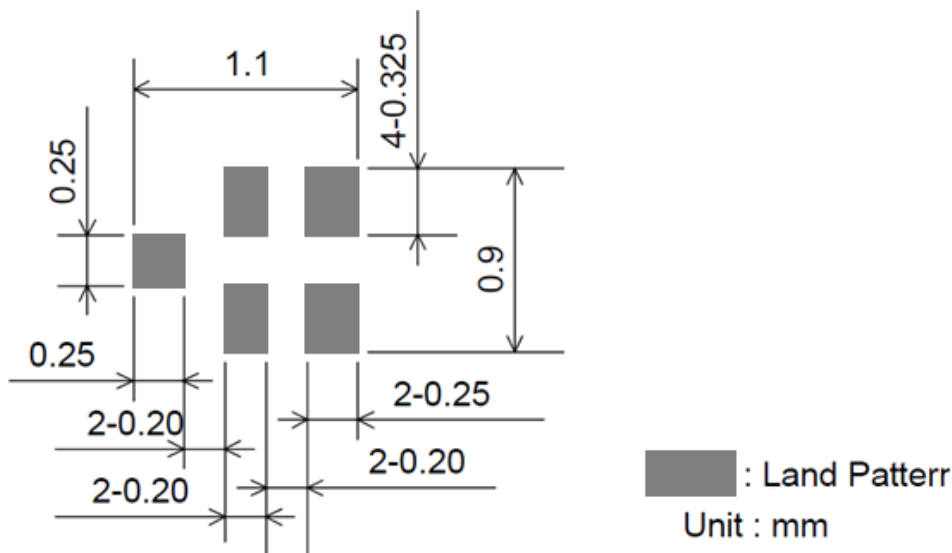
Frequency Characteristics



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

Raltron Electronics / RAMI Technology USA, LLC, including its affiliates, employees, agents and other persons acting on its behalf (collectively Raltron/RAMI Tech), disclaim any and all liability for any errors or inaccuracies contained in this data sheet. While Raltron/RAMI Tech has made every reasonable effort ensure the accuracy of all product information, specifications and data contained herein, Raltron/RAMI Tech does not guarantee that the information is accurate, reliable or current. The product information is provided only for reference purposes only and is subject to change, correction or revision, at any time without notice. Raltron/RAMI Tech does not assume any liability arising out of an application or use of any product described herein and disclaims any warranties expressed or implied. The user of products in such applications shall assume all risks of such use and will agree to hold Raltron/RAMI Tech, harmless against all damages.

Copyright © 2016, Raltron Electronics / RAMI Technology USA, LLC. All rights reserved. No part of this document may be reproduced in any form without the prior written permission of Raltron Electronics / RAMI Technology USA, LLC.