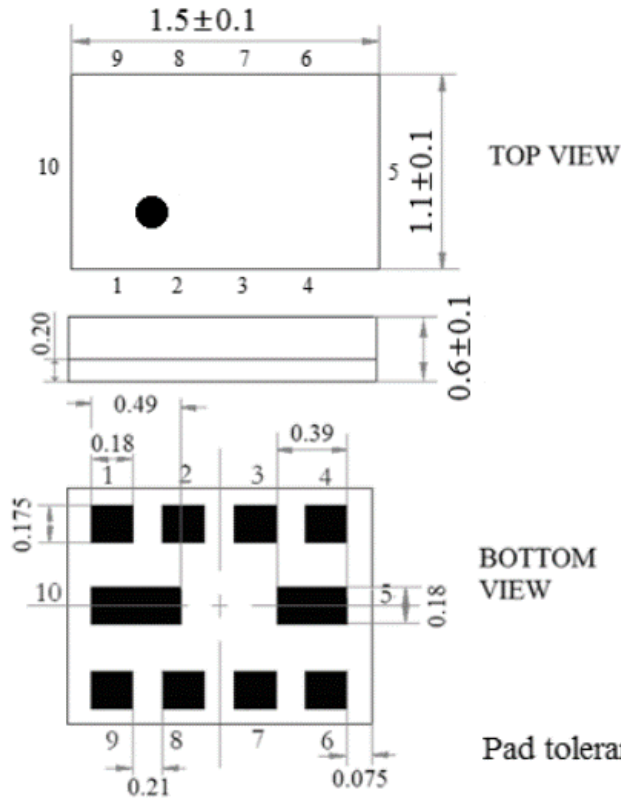


#### Electrical Specification

	Parameters	Value	Unit	
Low Freq. Filter	Low Frequency	2140.000	MHz	
	Insertion Loss, typ/max	2110 MHz ~ 2170 MHz	1.4 / 2.5	
	Pass Band Ripple, typ/max	2110 MHz ~ 2170 MHz	0.7 / 1.5	
	VSWR, typ/max	2110 MHz ~ 2170 MHz	1.5 / 2.0	
	Attenuation, min/typ	10 MHz ~ 1920 MHz	35 / 45	dB
		699 MHz ~ 716 MHz	45 / 55	dB
		777 MHz ~ 787 MHz	40 / 55	dB
		814 MHz ~ 849 MHz	40 / 55	dB
		880 MHz ~ 915 MHz	40 / 55	dB
		1710 MHz ~ 1785 MHz	37 / 40	dB
1920 MHz ~ 1980 MHz		33 / 38	dB	
2400 MHz ~ 2500 MHz		33 / 39	dB	
4900 MHz ~ 5950 MHz	30 / 50	dB		
High Freq. Filter	High Frequency	2605	MHz	
	Insertion Loss, typ/max	2496 MHz ~ 2690 MHz	3.0 / 3.3	
		2535 MHz ~ 2655 MHz	3.0 / 3.3	
	Amplitude Ripple (p-p), typ/max	2496 MHz ~ 2690 MHz	1.0 / 1.8	
	VSWR, typ/max	2496 MHz ~ 2690 MHz	1.6 / 2.2	
	Attenuation, min/typ	10 MHz ~ 2400 MHz	25 / 34	dB
		703 MHz ~ 748 MHz	30 / 55	dB
		814 MHz ~ 849 MHz	30 / 55	dB
		880 MHz ~ 915 MHz	30 / 55	dB
		1710 MHz ~ 1785 MHz	28 / 35	dB
1850 MHz ~ 1915 MHz		26 / 30	dB	
1920 MHz ~ 1980 MHz		25 / 29	dB	
2403 MHz ~ 2456 MHz		23 / 30	dB	
4900 MHz ~ 15950 MHz	15 / 33	dB		
Input Power, max (3000h)		15	dBm	
DC Voltage		5	V	
ESD Voltage ESD (MM)		50	V	
Sensitive Discharge Device ESD (HBM)		175	V	
Operating Temperature Range		-30 ~ +85	°C	
Storage Temperature Range		-40 ~ +85	°C	

#### Dimension

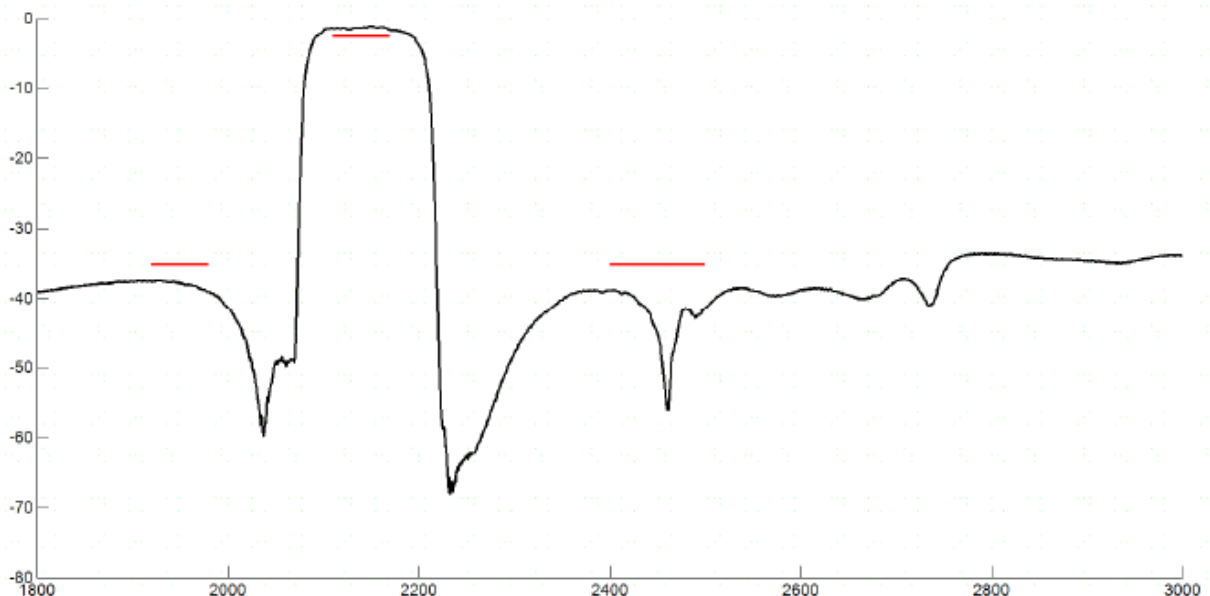


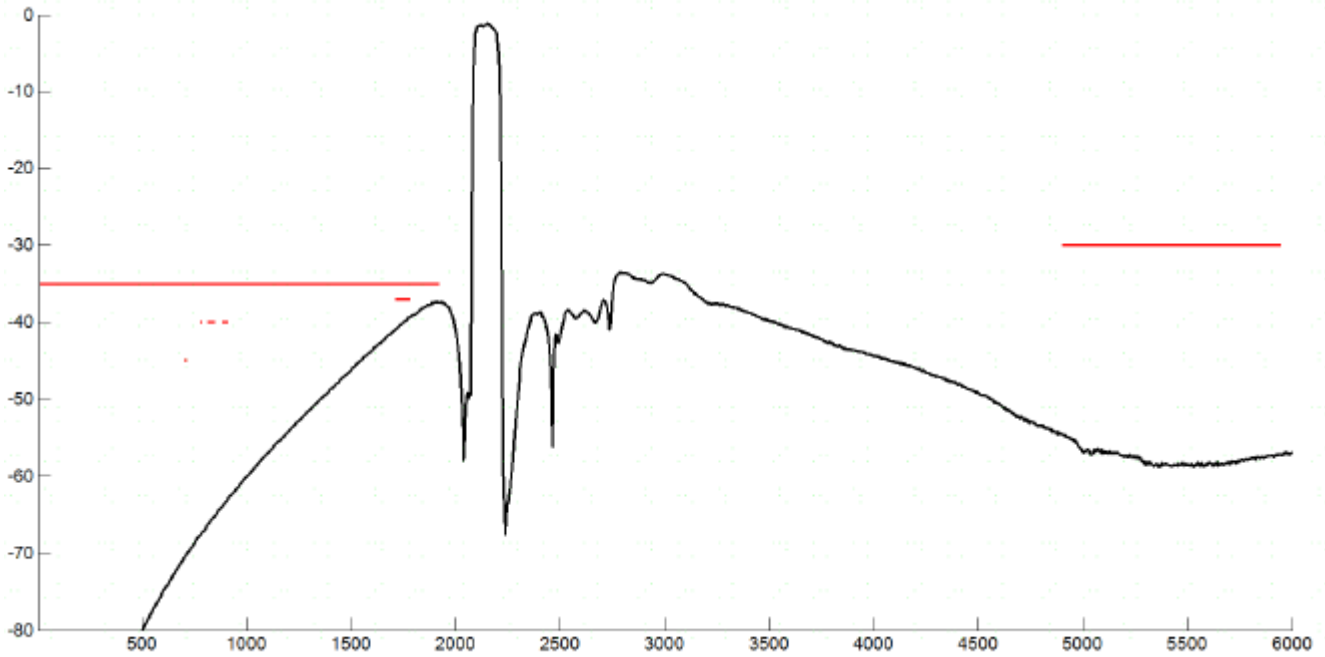
#### Pin Configuration

- 1. Input( 2140/2605 )
- 6. Output(Filter 1: 2140MHz)
- 9. Output(Filter 2: 2605MHz)
- Other Ground

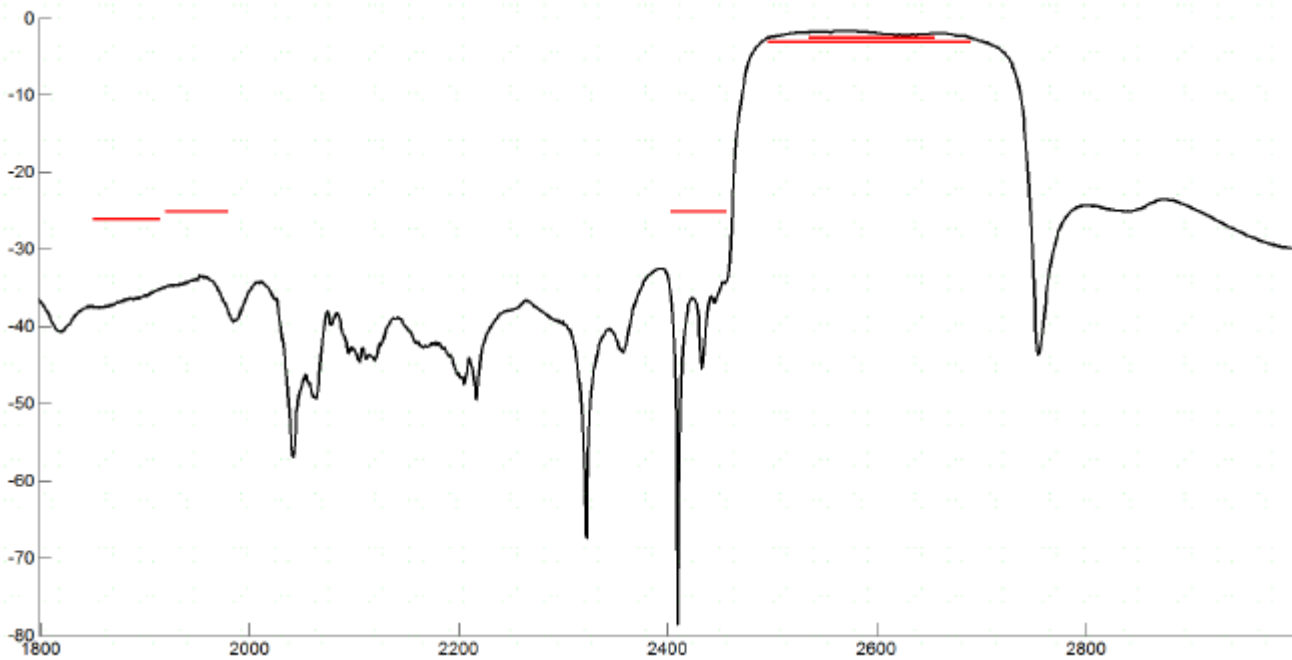
#### Frequency Characteristics

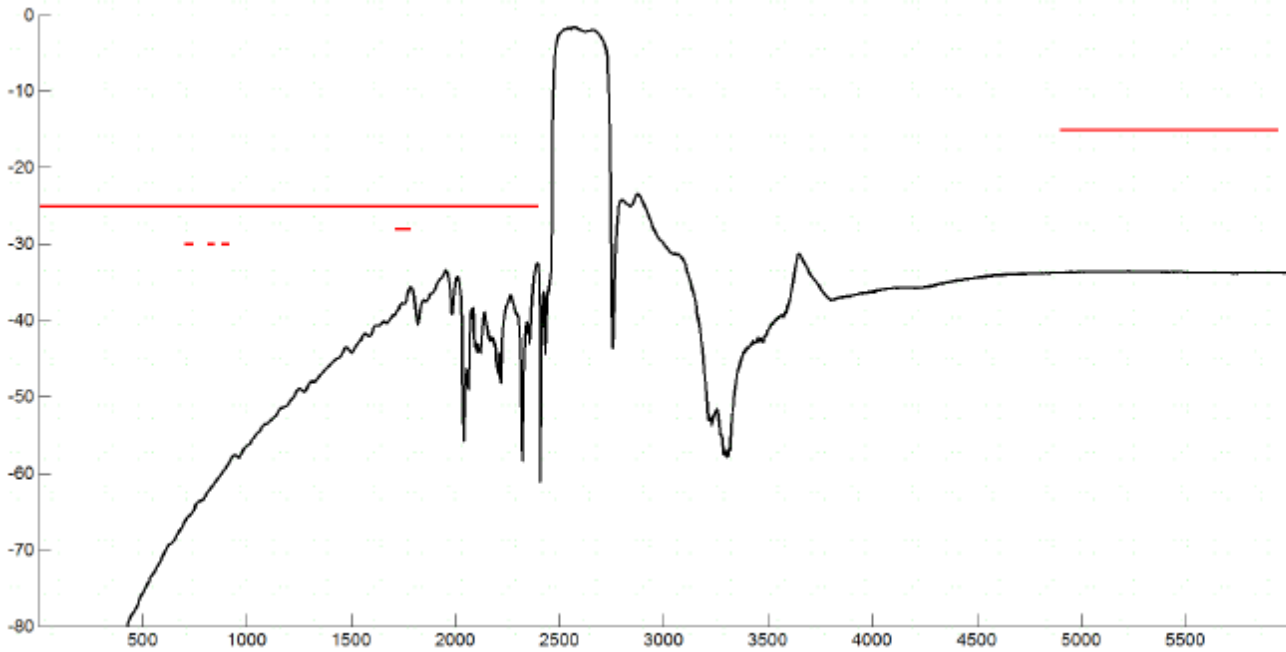
##### Low Freq. Filter



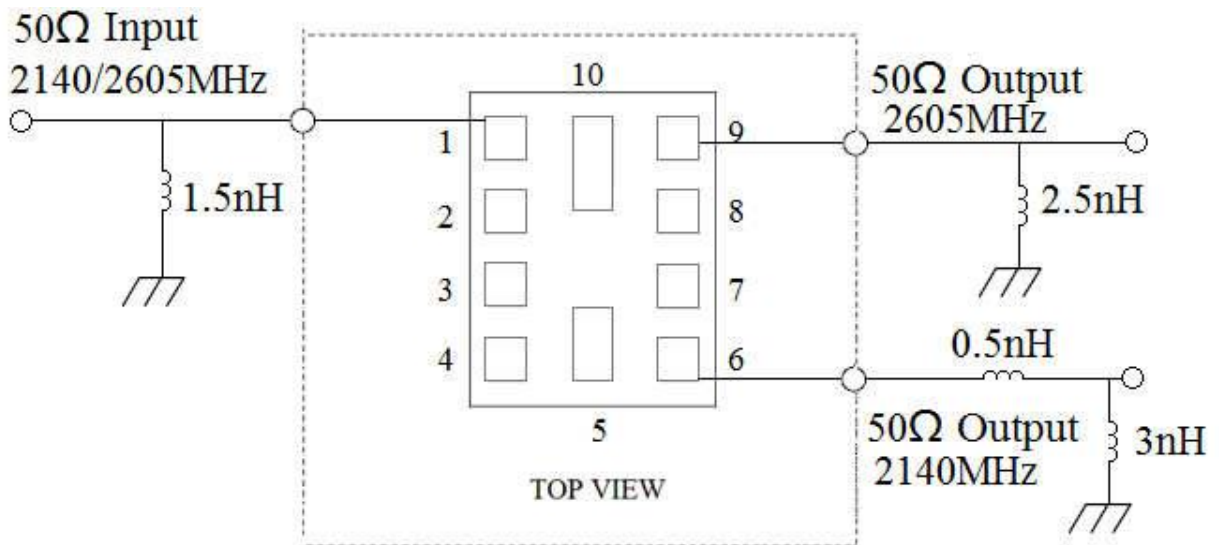


#### High Freq. Filter





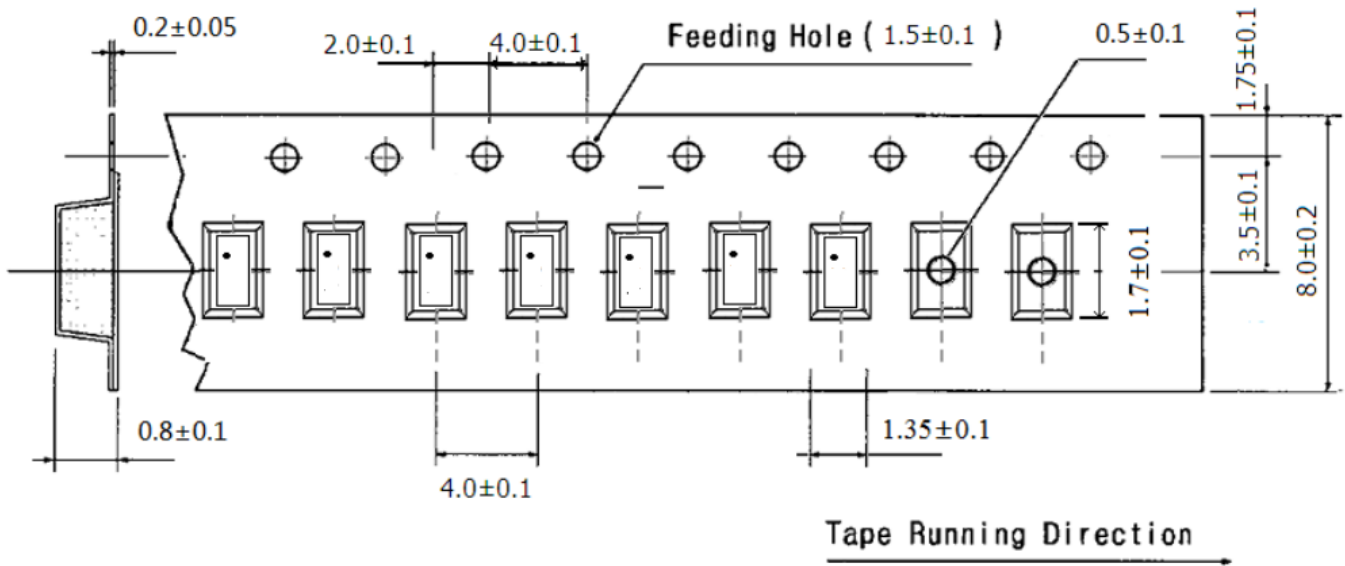
### Test Circuit



### Environmental

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

### Tape Dimension



### ● APPROVAL

DRAWN BY	AR, August 12, 2021
APPROVED BY	CP, August 12, 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 to 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.