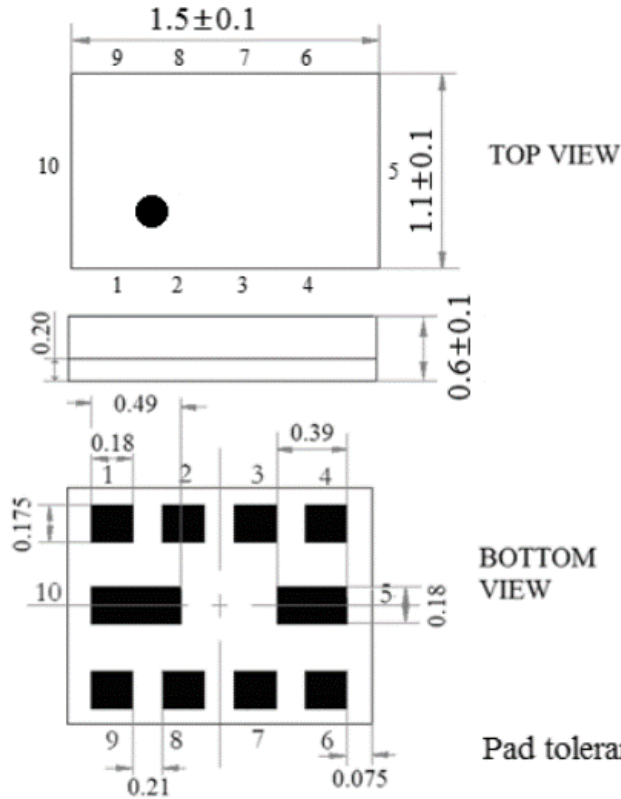


Electrical Specification

	Parameters		Value	Unit
Low Freq. Filter	Frequency Range	Band 25	1930 ~ 1995	MHz
	Insertion Loss, typ/max	1930 MHz ~ 1995 MHz	2.0 / 3.3	dB
	Amplitude Ripple, typ/max	1930 MHz ~ 1995 MHz	0.8 / 2.0	dB
	VSWR, typ/max	1930 MHz ~ 1995 MHz	1.4 / 2.0	-
	Attenuation, min/typ	1 MHz ~ 699 MHz	45 / 50	dB
		699 MHz ~ 716 MHz	45 / 49	dB
		814 MHz ~ 849 MHz	42 / 46	dB
		1710 MHz ~ 1780 MHz	31 / 36	dB
		1850 MHz ~ 1910 MHz	30 / 40	dB
		2400 MHz ~ 2500 MHz	32 / 35	dB
4900 MHz ~ 5950 MHz		30 / 38	dB	
High Freq. Filter	Frequency Range	Band 66	2110 ~ 2200	MHz
	Insertion Loss, typ/max	2110 MHz ~ 2200 MHz	2.2 / 3.0	dB
	Amplitude Ripple, typ/max	2110 MHz ~ 2200 MHz	0.7 / 1.5	dB
	VSWR, typ/max	2110 MHz ~ 2200 MHz	1.5 / 2.0	-
	Attenuation, min/typ	10 MHz ~ 699 MHz	55 / 70	dB
		699 MHz ~ 716 MHz	55 / 68	dB
		777 MHz ~ 787 MHz	55 / 65	dB
		814 MHz ~ 849 MHz	55 / 62	dB
		880 MHz ~ 915 MHz	52 / 58	dB
		1710 MHz ~ 1780 MHz	30 / 33	dB
		1850 MHz ~ 1915 MHz	32 / 36	dB
		1920 MHz ~ 1980 MHz	35 / 38	dB
		2400 MHz ~ 2500 MHz	36 / 40	dB
4900 MHz ~ 5950 MHz		35 / 32	dB	
Input Power, max (5000h)			10	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



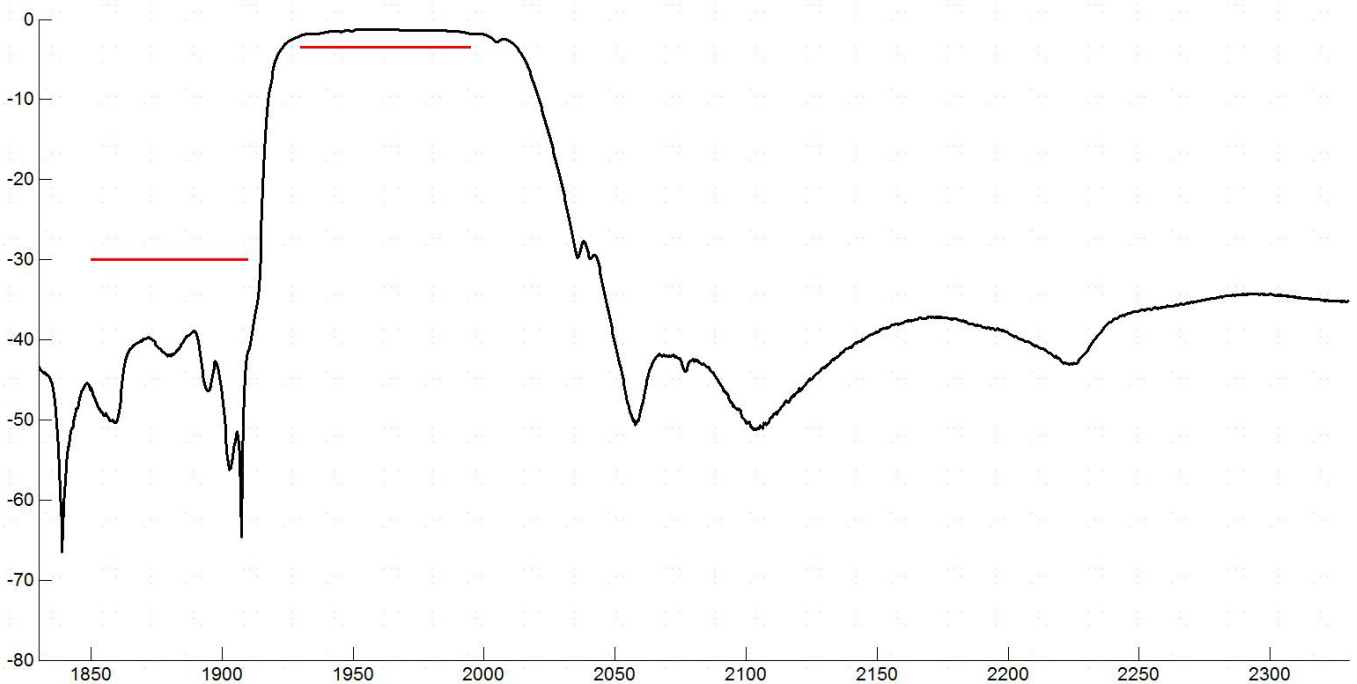
Pin Configuration

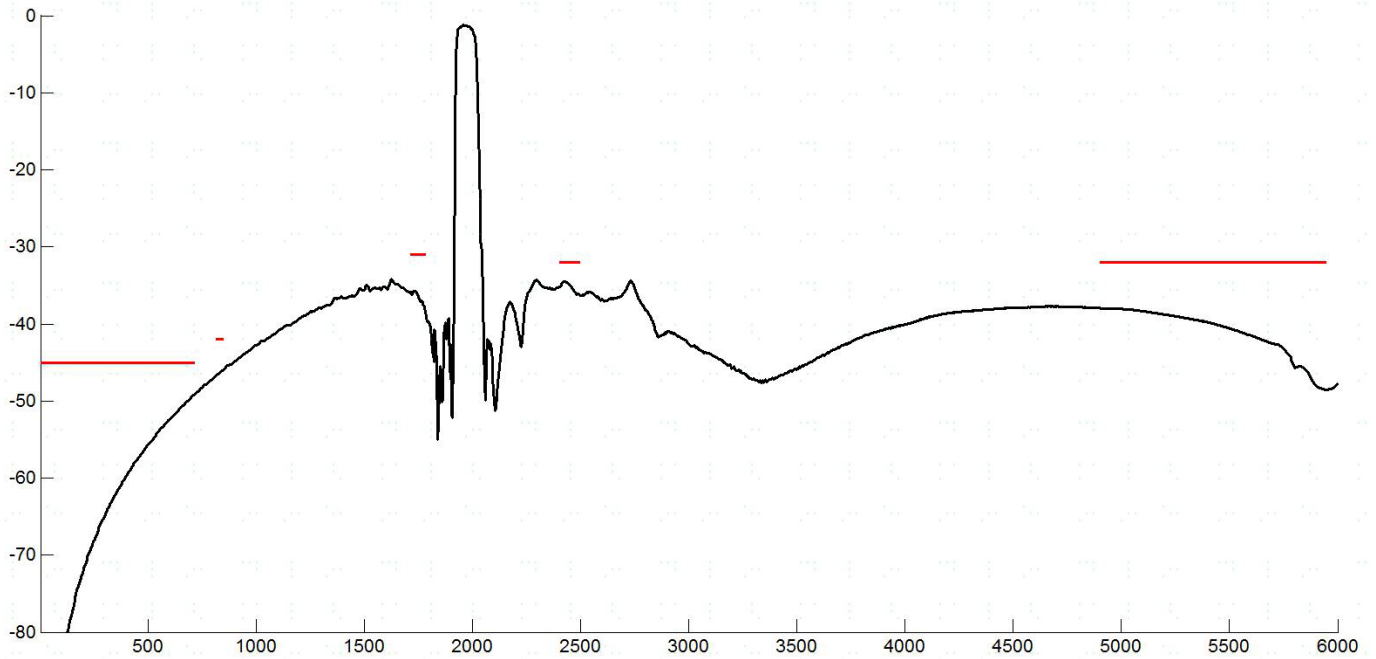
- 1. Input(B25/B66)
- 6. Output(High Freq. Filter B66)
- 9. Output(Low Freq. Filter B25)
- Other Ground

Pad tolerances: ± 0.05

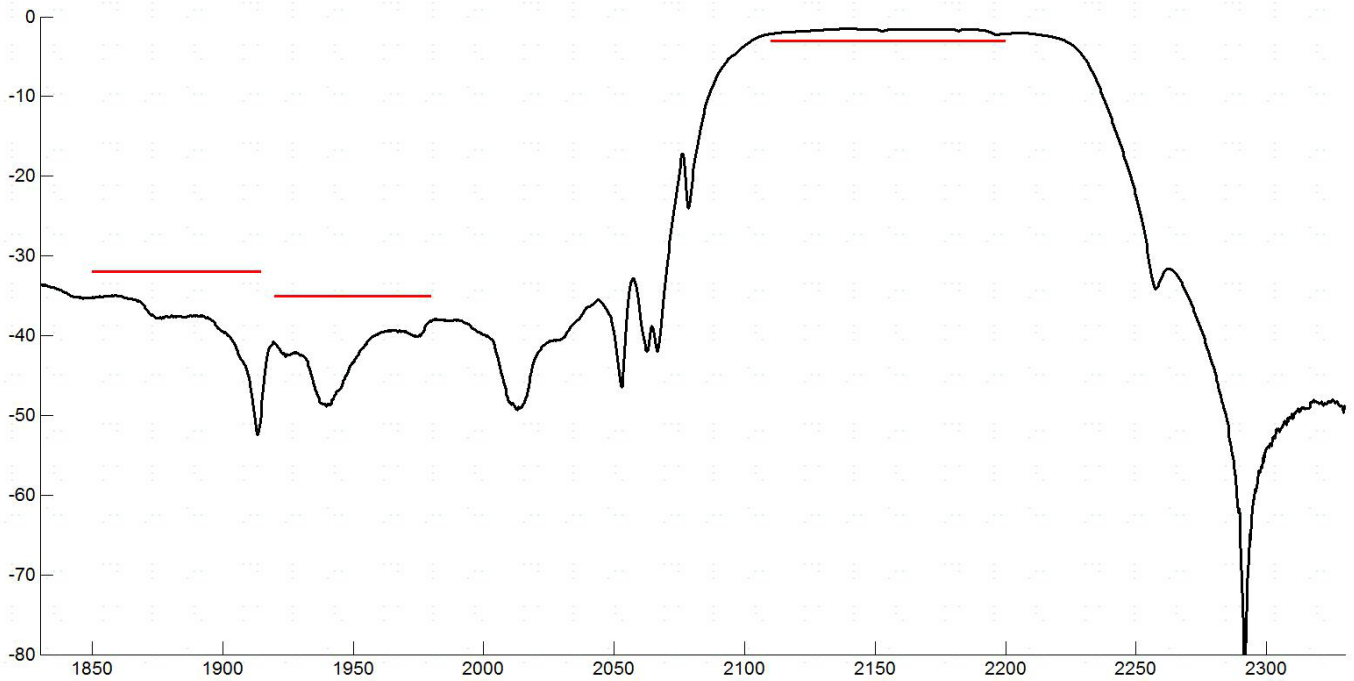
Frequency Characteristics

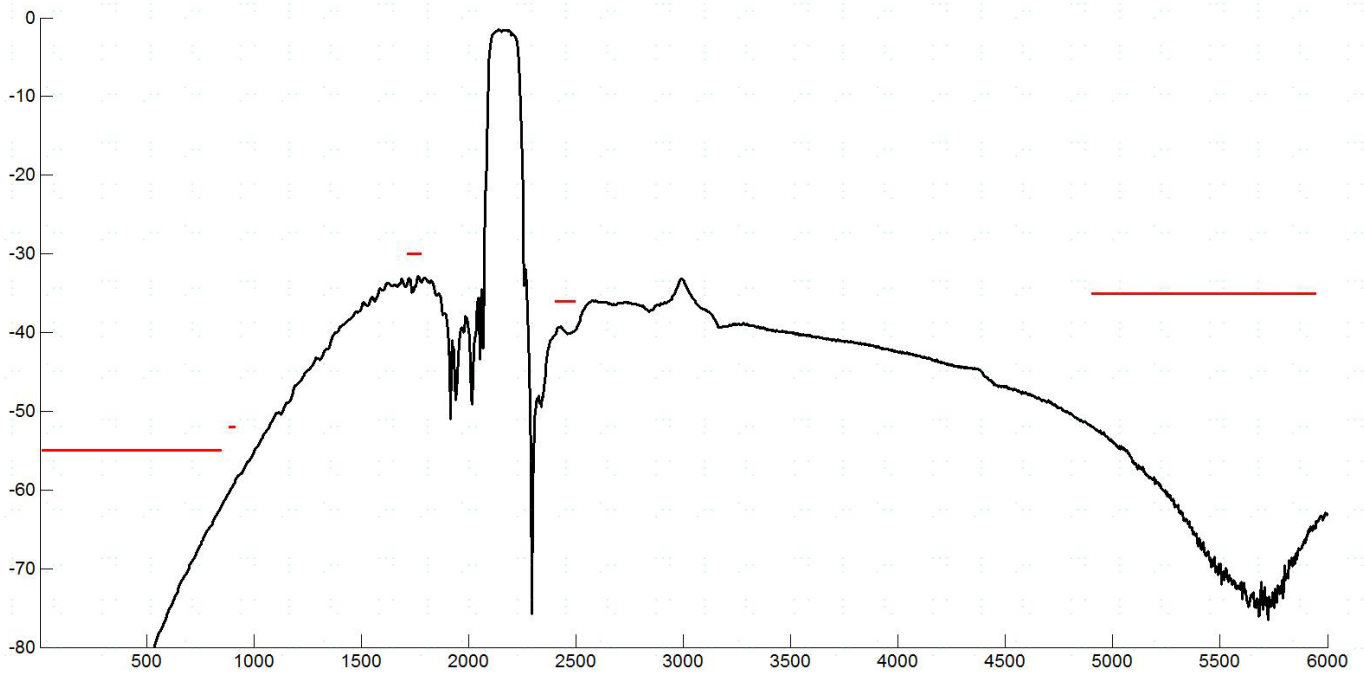
Low Freq. Filter (Band 25)



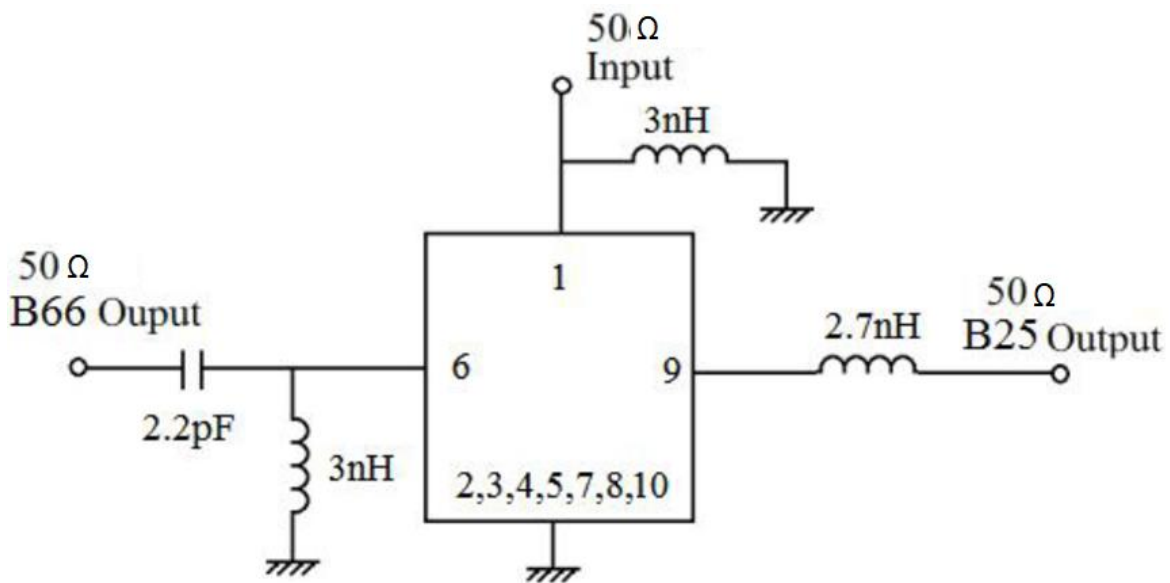


High Freq. Filter (Band 66)





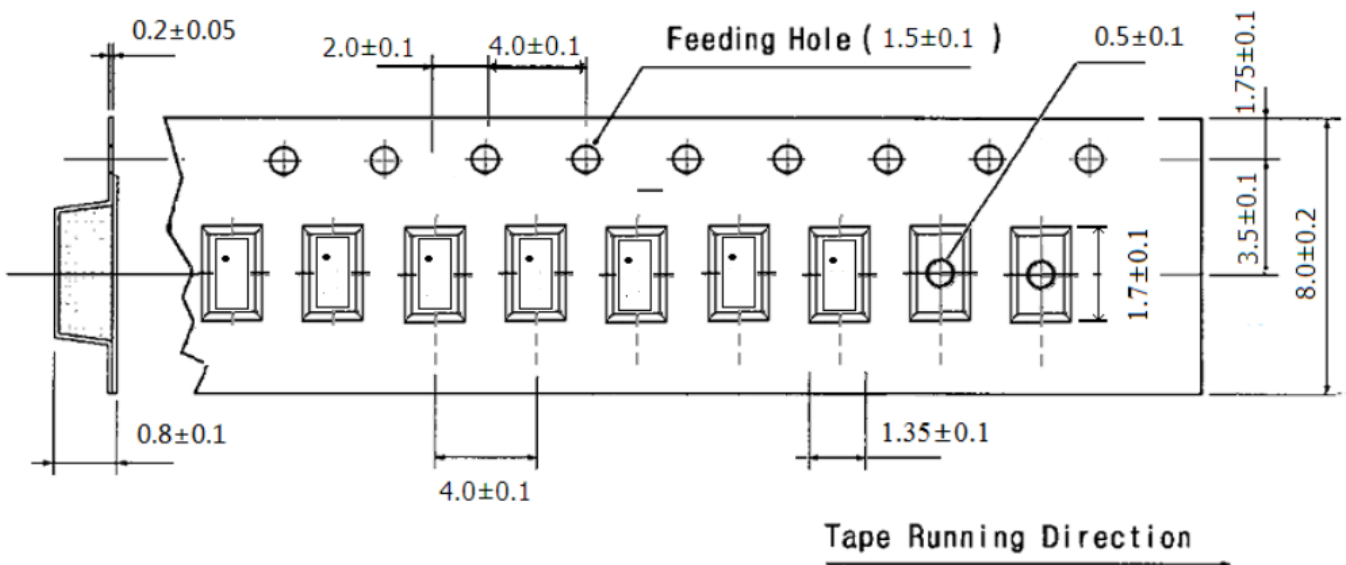
Test Circuit



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 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.