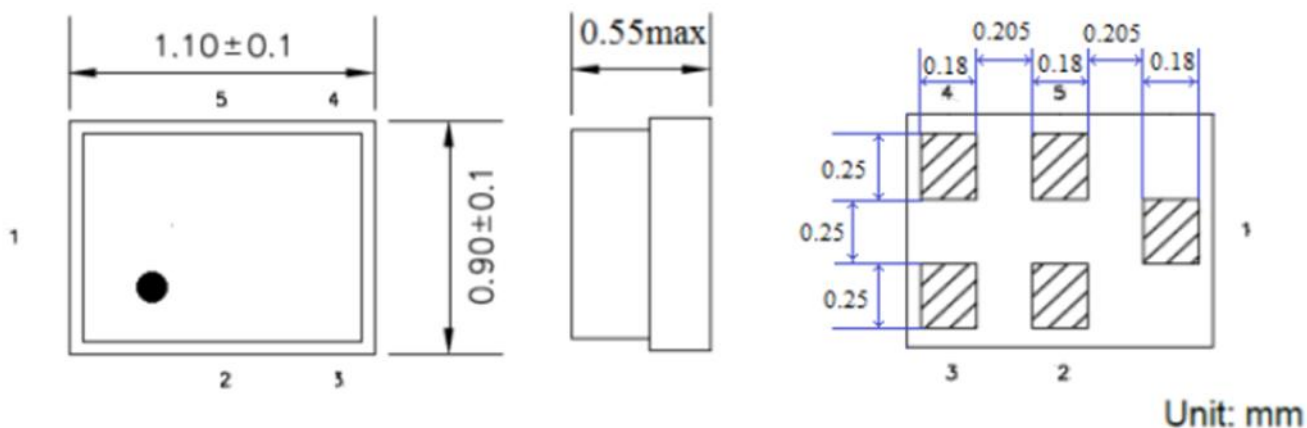


- ❖ Low-Loss RF Filter for Mobile Phone Band 20 Systems
- ❖ Useable Pass Band 30 MHz
- ❖ Unbalanced to Unbalanced Operation

Electrical Specification

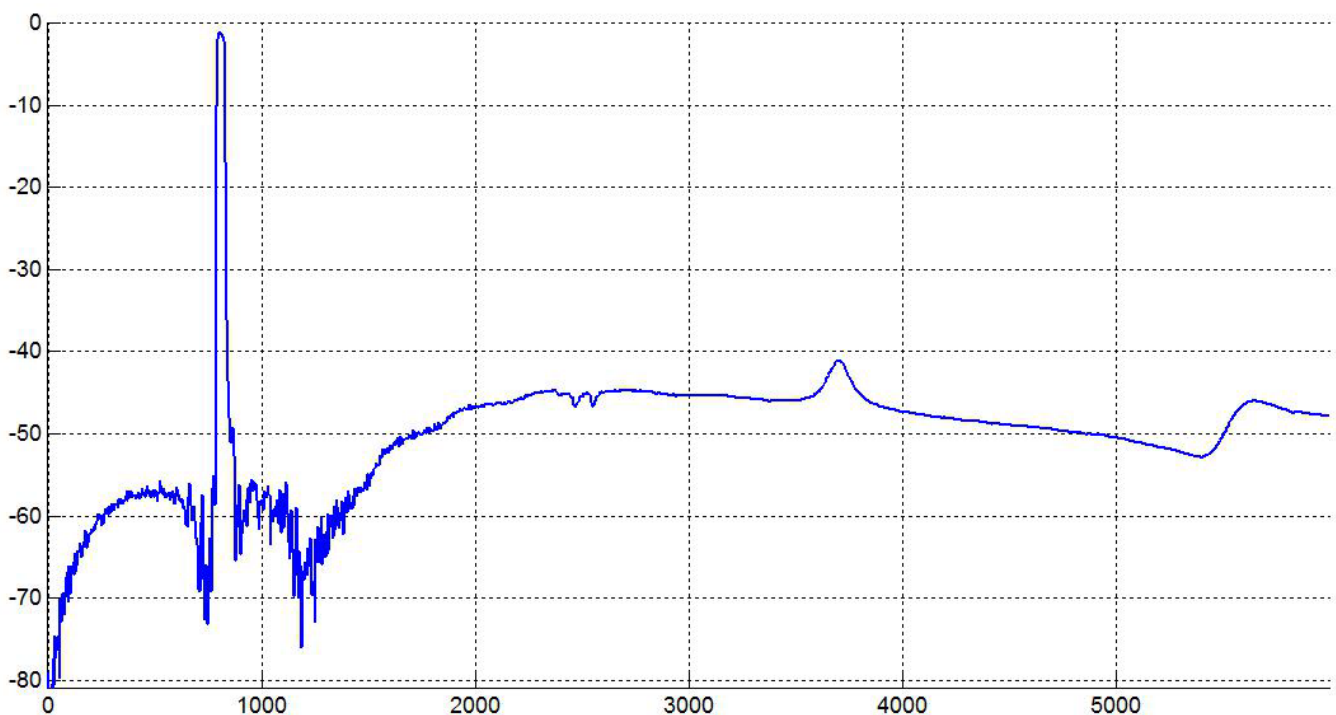
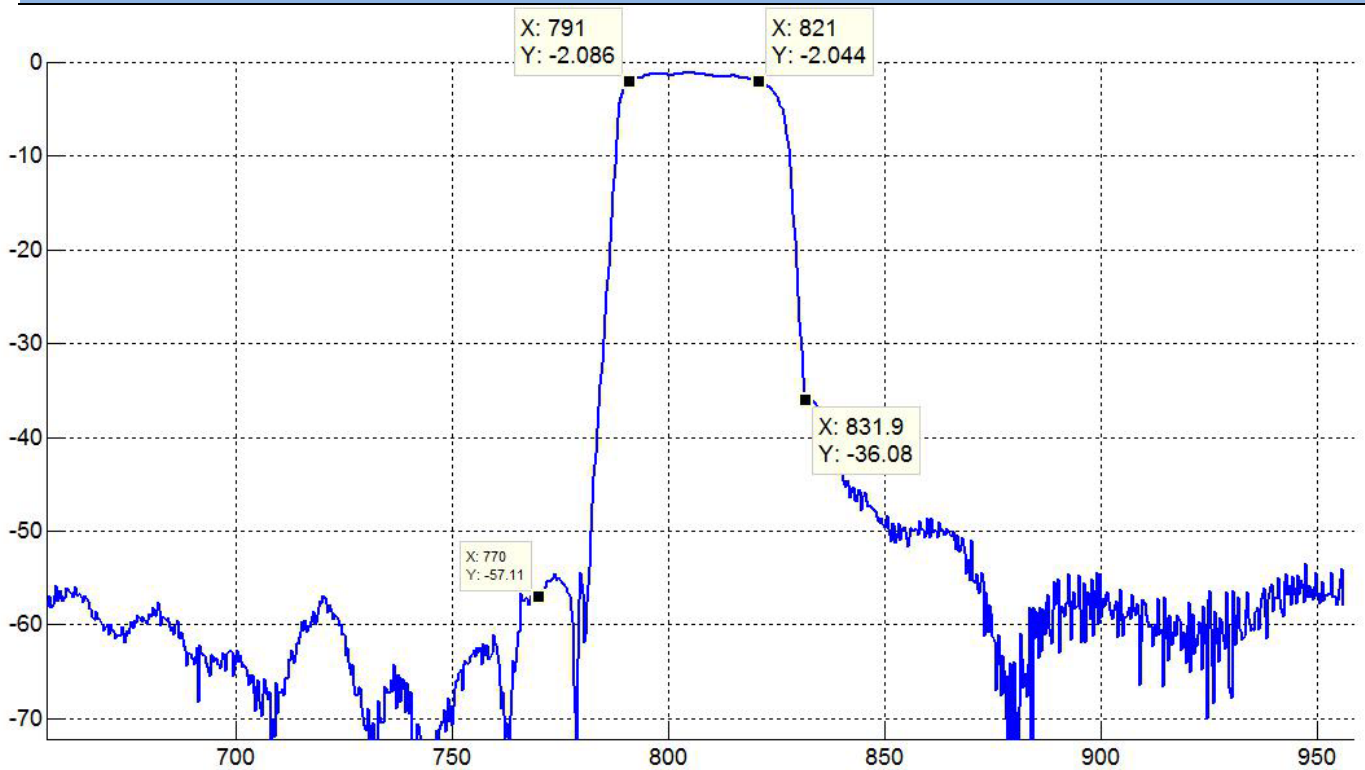
Parameters	Value	Unit
Center Frequency (Fo)	806.000	MHz
Insertion Loss (791 ~ 821 MHz), typ/max	2.0 / 3.0	dB
VSWR (791 ~ 821 MHz), typ/max	1.6 / 2.0	-
Amplitude Ripple (791 ~ 821 MHz), typ/max	1.0 / 2.2	dB
Attenuation, min/typ	10 MHz ~ 770 MHz	-45 / -55
	832 MHz ~ 862 MHz	-25 / -36
	880 MHz ~ 915 MHz	-50 / -60
	1710 MHz ~ 1785 MHz	-40 / -49
	2400 MHz ~ 2500 MHz	-36 / -45
	2500 MHz ~ 2570 MHz	-36 / -45
	4900 MHz ~ 5950 MHz	-36 / -48
Input Power, max, 2000h	15	dBm
DC Voltage	5	V
Input and Output Impedance	50	Ω
Operating temperature range	-30 to +85	$^{\circ}\text{C}$
Storage Temperature	-40 to +85	$^{\circ}\text{C}$

Dimension

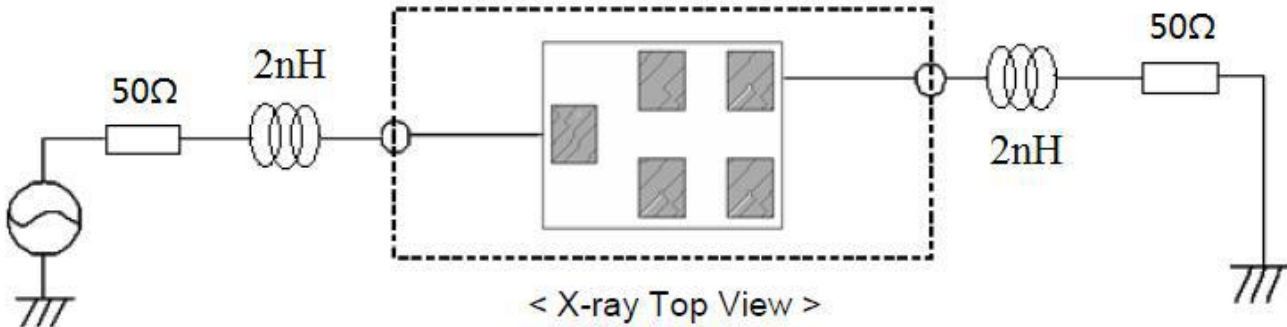


PIN #	PIN NAME	DESCRIPTION
1	IN	Input
4	OUT	Output
2,3,5	GND	Ground

Frequency Characteristics



Test Circuit

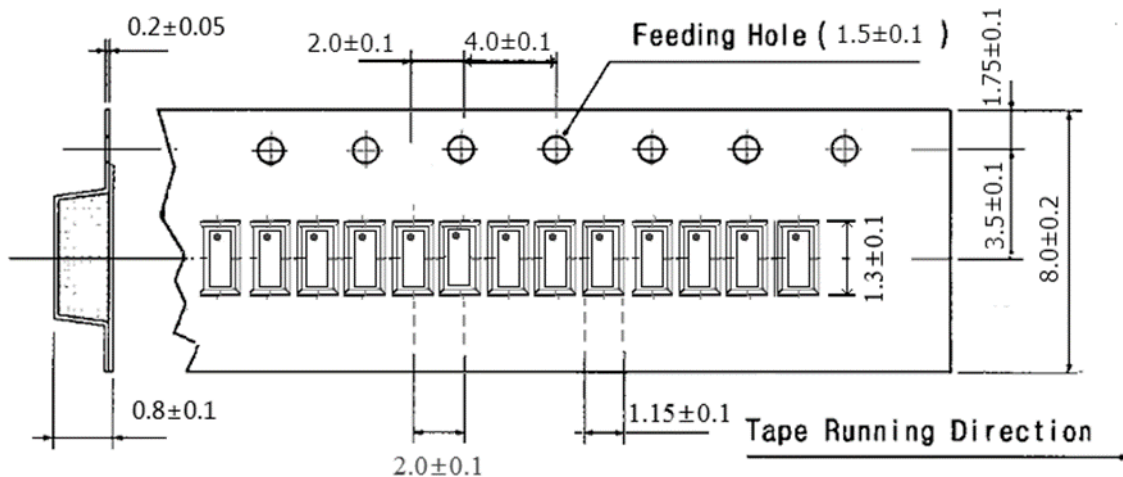


Environmental

PARAMETER	VALUE
MOISTURE SENSITIVITY LEVEL	2
REACH – SVHC	Compliant
RoHS	Compliant
PACKAGING	Tape & Reel



Tape Dimension



APPROVAL

DRAWN BY	ZZ, August 12, 2021
APPROVED BY	AR, 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.