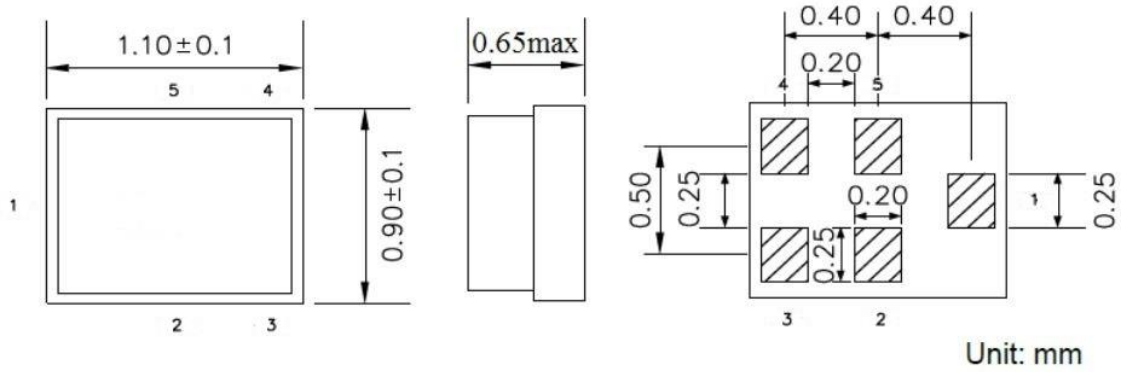


- ❖ Low-Loss RF Filter for Mobile Phone Band 66 Systems, Receive Path (Rx)
- ❖ Useable Pass Band 90 MHz
- ❖ Impedance 50 Ω Input and Output
- ❖ Unbalanced to Unbalanced Operation

Electrical Specification

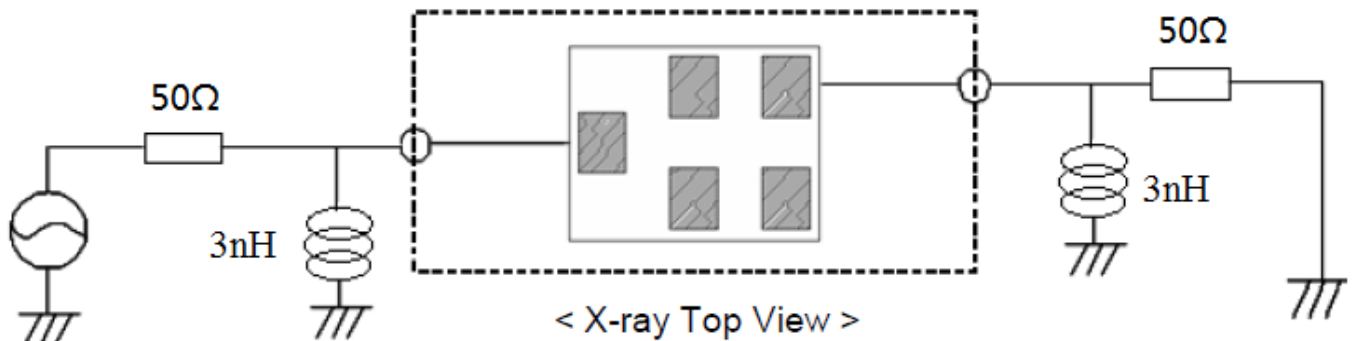
Parameters		Value	Unit
Center Frequency (Fo)		2155.000	MHz
Insertion Loss, typ/max	2110 ~ 2200 MHz	2.6 / 3.4	dB
VSWR, typ/max	2110 ~ 2200 MHz	1.3 / 2.0	-
Amplitude Ripple, typ/max	2110 ~ 2200 MHz	1.2 / 2.2	dB
Attenuation, min/typ	10 ~ 699 MHz	-40 / -62	dB
	699 ~ 716 MHz	-40 / -62	dB
	777 ~ 787 MHz	-40 / -60	dB
	810 ~ 814 MHz	-50 / -58	dB
	814 ~ 849 MHz	-40 / -57	dB
	880 ~ 915 MHz	-40 / -55	dB
	898 ~ 925 MHz	-46 / -55	dB
	1710 ~ 1780 MHz	-35 / -38	dB
	1780 ~ 1920 MHz	-34 / -37	dB
	1920 ~ 1980 MHz	-35 / -38	dB
	2015 ~ 2075 MHz	-26 / -42	dB
	2400 ~ 2500 MHz	-32 / -35	dB
	4030 ~ 4150 MHz	-27 / -50	dB
4220 ~ 4340 MHz	-27 / -48	dB	
4900 ~ 5950 MHz	-26 / -41	dB	
Input Power, max, 2000h		15	dBm
DC Voltage		5	V
ESD Voltage ESD MM, 10 Negative & 10 Positive Pulse		100	VDC
Sensitive Discharge Voltage ESD(HBM)		175	VDC
Input / Output Impedance, Unbalanced		50 // 3	Ω // nH
Operating Temperature Range		-20 ~ +80	$^{\circ}$ C
Storage Temperature Range		-40 ~ +85	$^{\circ}$ C

Dimension

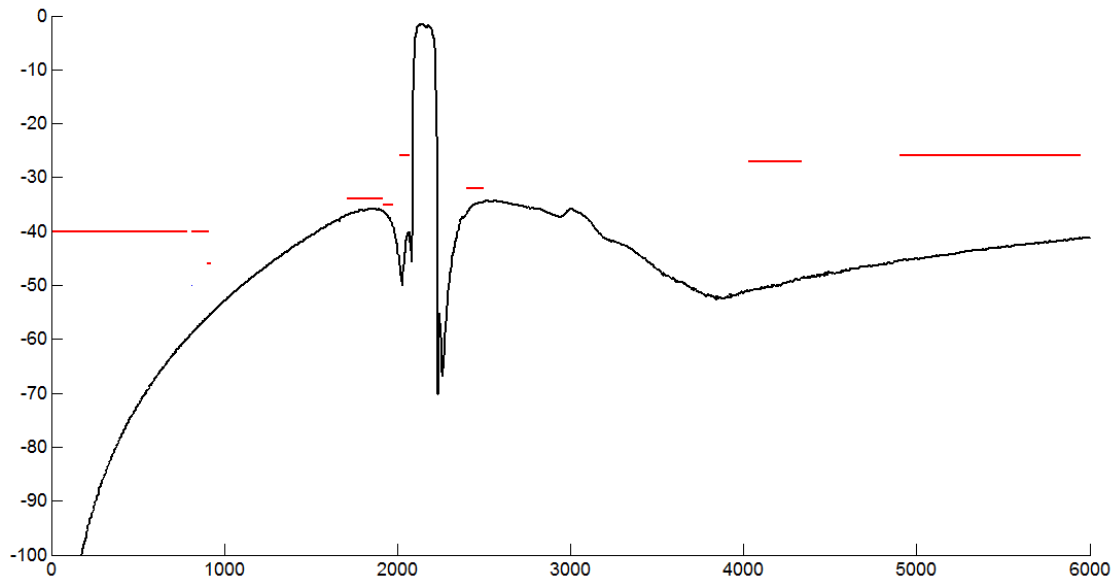
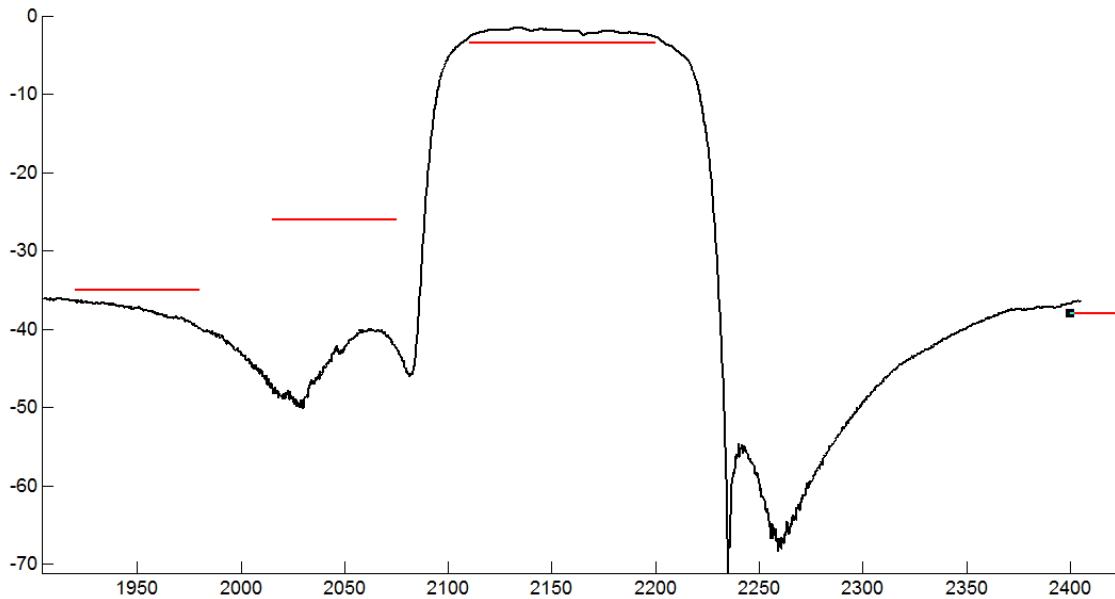


PIN #	PIN FUNCTION
1	Input
4	Output
2, 3, 5	GND

Test Circuit



Frequency Characteristics



Environmental

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



● APPROVAL

DRAWN BY	LP, January 11, 2019
APPROVED BY	JL, January 11, 2019
REVISION	A, Initial Release

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