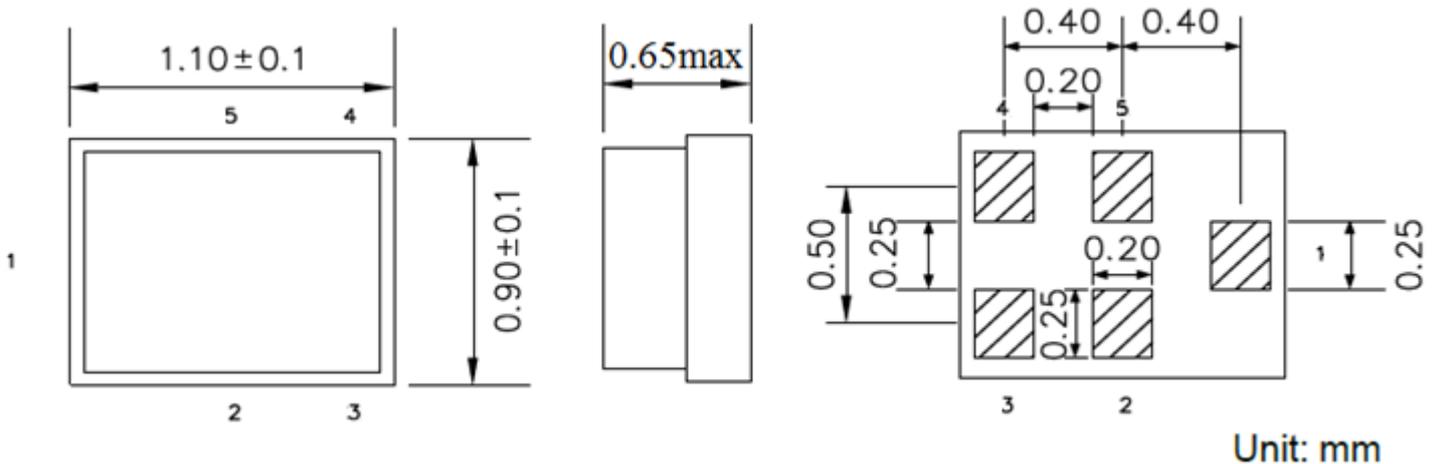


- ❖ Low-Loss RF Filter for Mobile Telephone Band II 25 systems (Diversity), Receive Path (RX).
- ❖ Impedance 50 Ω Input and Output.
- ❖ Unbalanced to Unbalanced Operation.
- ❖ RoHS Compatible.

Electrical Specification

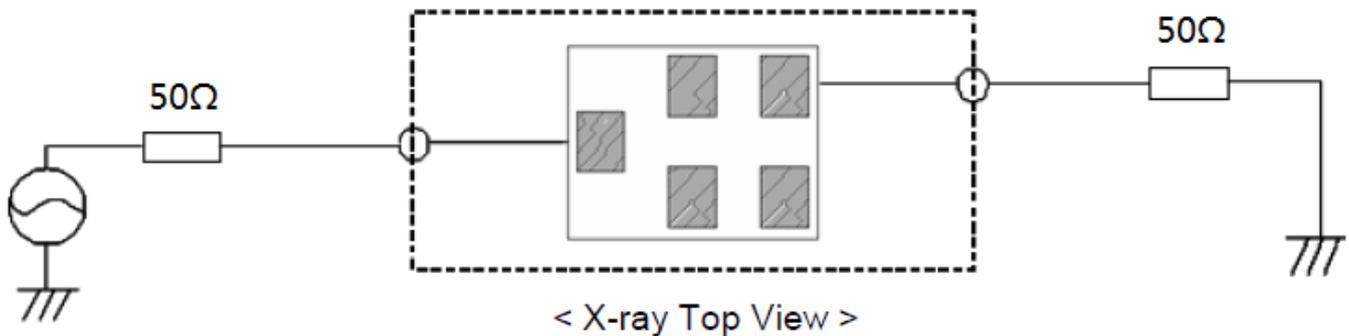
Parameters		Value	Unit	
Insertion Loss, typ/max		1930.6 ~ 1994.4 MHz	2.7 / 4.0	dB
Pass Band Ripple, typ/max		1930.6 ~ 1994.4 MHz	1.5 / 2.7	dB
VSWR, typ/max	ANT	1930.6 ~ 1994.4 MHz	1.6 / 2.2	-
	Rx		1.6 / 2.2	-
Attenuation, min/typ		699 ~ 716 MHz	-30 / -37	dB
		814 ~ 849 MHz	-30 / -34	dB
		1850 ~ 1914.4 MHz	-40 / -43	dB
		2055 ~ 2080 MHz	-20 / -25	dB
		2400 ~ 2500 MHz	-30 / -33	dB
		4900 ~ 5985 MHz	-30 / -45	dB
DC Voltage			5	V
Input Power, max		@ 2000 h	15	dBm
ESD Voltage ESD (MM)			50	VDC
Sensitive Discharge Voltage ESD(HBM)			175	VDC
Terminating Source Impedance			50	Ω
Terminating Load Impedance			50	Ω
Operating Temperature Range			-30 ~ +85	°C
Storage Temperature Range			-40 ~ +85	°C

Dimensions

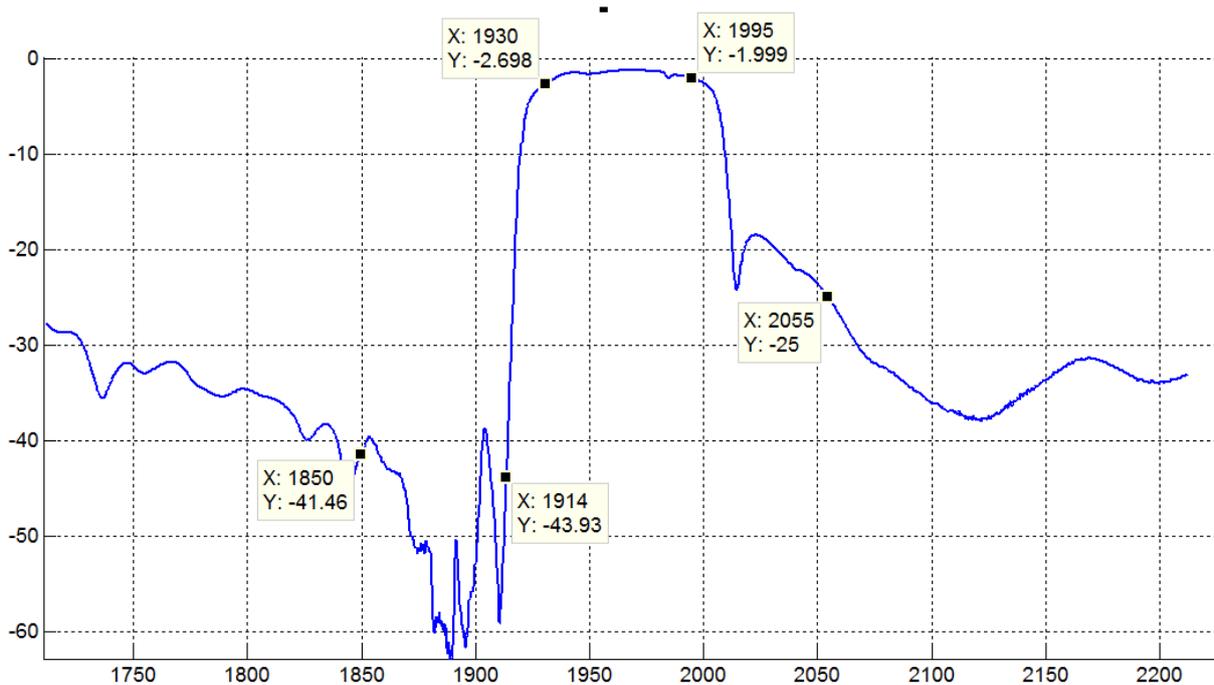


PIN #	PIN NAME	DESCRIPTION
1	IN	Input
2	GND	Ground
3	GND	Ground
4	OUT	Output
5	GND	Ground

Test Circuit



Frequency Characteristics



Environmental

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

● APPROVAL

DRAWN BY	AR, August 19, 2021
APPROVED BY	CP, August 19, 2021
REVISION	A, Initial Release

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