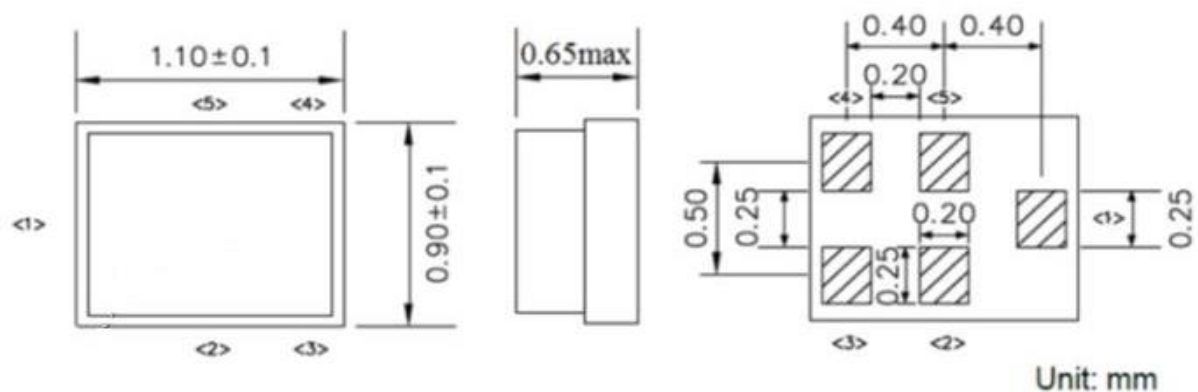


Electrical Specification

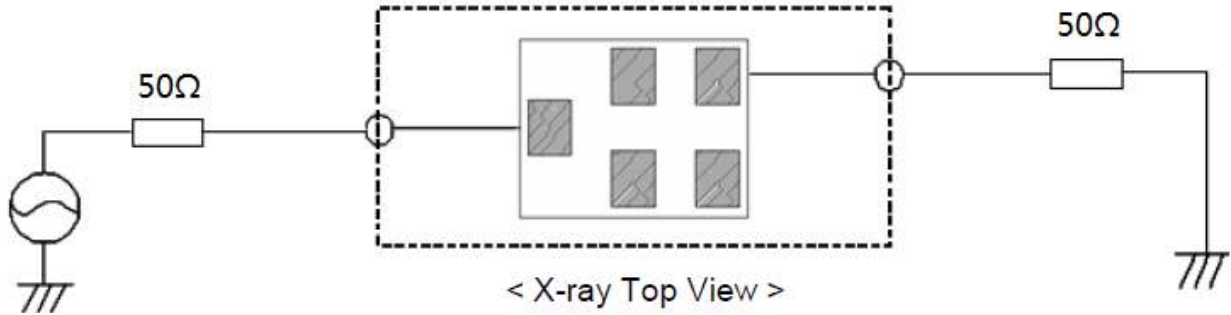
Parameters		Value	Unit
Center Frequency (Fo)		1900.000	MHz
Insertion Loss, typ/max	1880 MHz ~ 1920 MHz	1.8 / 2.1	dB
Pass Band Ripple, typ/max	1880 MHz ~ 1920 MHz	0.4 / 0.8	dB
VSWR, typ/max	1880 MHz ~ 1920 MHz	1.5 / 2.0	-
Absolute Attenuation, min/typ	10 MHz ~ 1710 MHz	-40 / -50	dB
	1710 MHz ~ 1805 MHz	-30 / -35	dB
	1805 MHz ~ 1840 MHz	-30 / -34	dB
	1840 MHz ~ 1850 MHz	-30 / -32	dB
	2000 MHz ~ 2110 MHz	-35 / -40	dB
	2110 MHz ~ 2200 MHz	-40 / -47	dB
	2200 MHz ~ 4000 MHz	-30 / -40	dB
	4000 MHz ~ 6000 MHz	-25 / -30	dB
ESD voltage	EDS (MM)	50	VDC
Sensitive discharge device	ESD (HBM)	175	VDC
DC Voltage VDC		5	V
Input Power, max, 2000h		15	dBm
Input Impedance		50	Ω
Output Impedance		50	Ω
Operating Temperature Range		-30 ~ 85	$^{\circ}\text{C}$
Storage Temperature		-40 ~ 85	$^{\circ}\text{C}$

Dimension

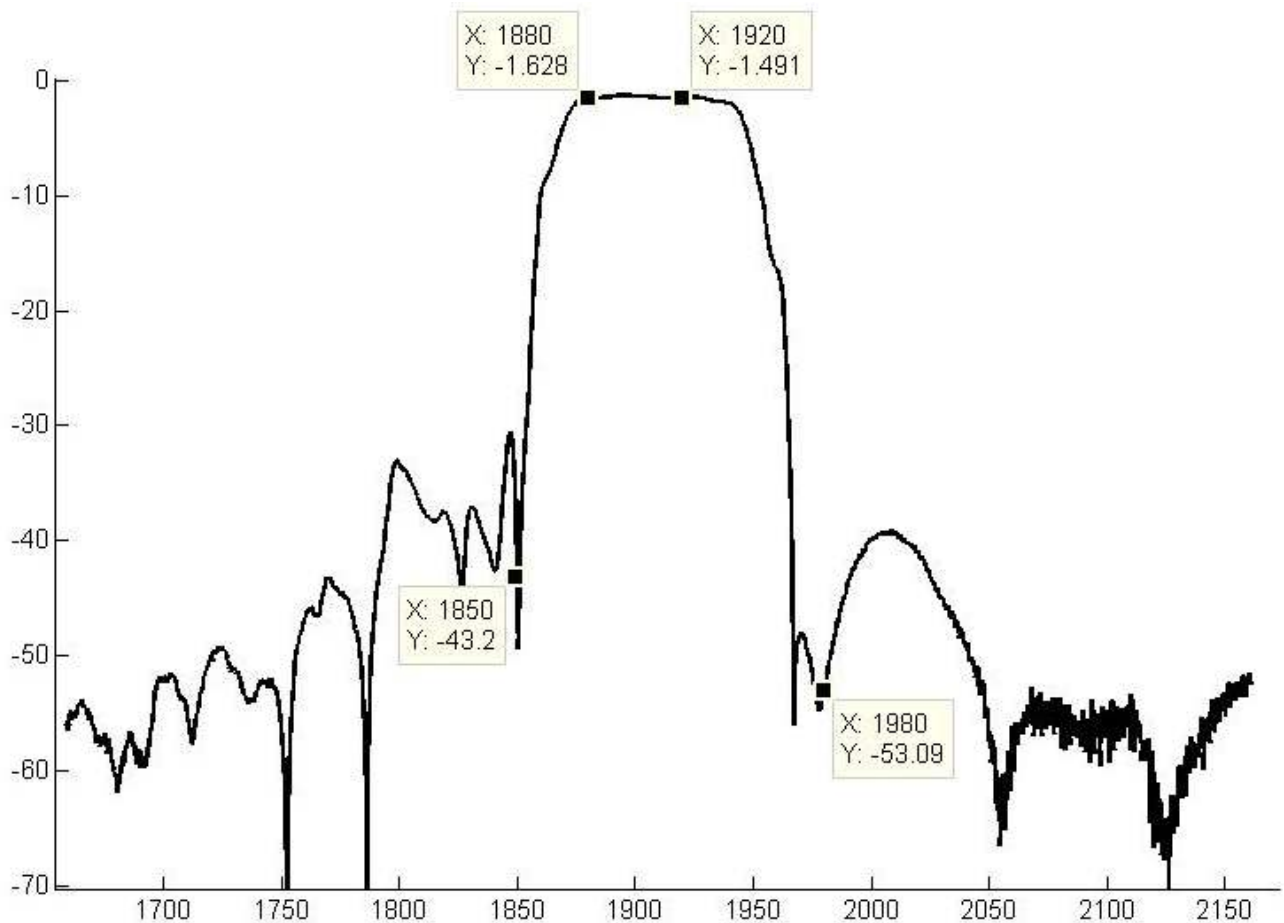


PIN #	PIN NAME	DESCRIPTION
1	IN	Input
2	GND	Ground
3	GND	Ground
4	OUT	Output
5	GND	Ground

Test Circuit



Frequency Characteristics



Environmental

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



● APPROVAL

DRAWN BY	AR, July 2, 2018
APPROVED BY	CP, July 2, 2018
REVISION	A, Initial Release

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