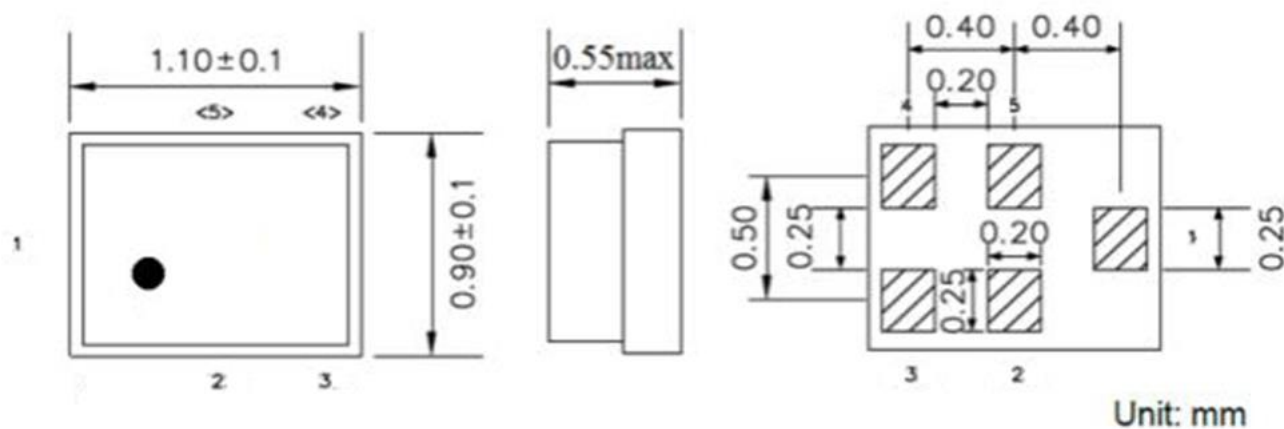


- ❖ Low-Loss RF Filter for Mobile Phone Band 41 Systems
- ❖ Useable Pass Band 120 MHz
- ❖ Impedance 50 Ω Input and Output
- ❖ Unbalanced to Unbalanced Operation

Electrical Specification

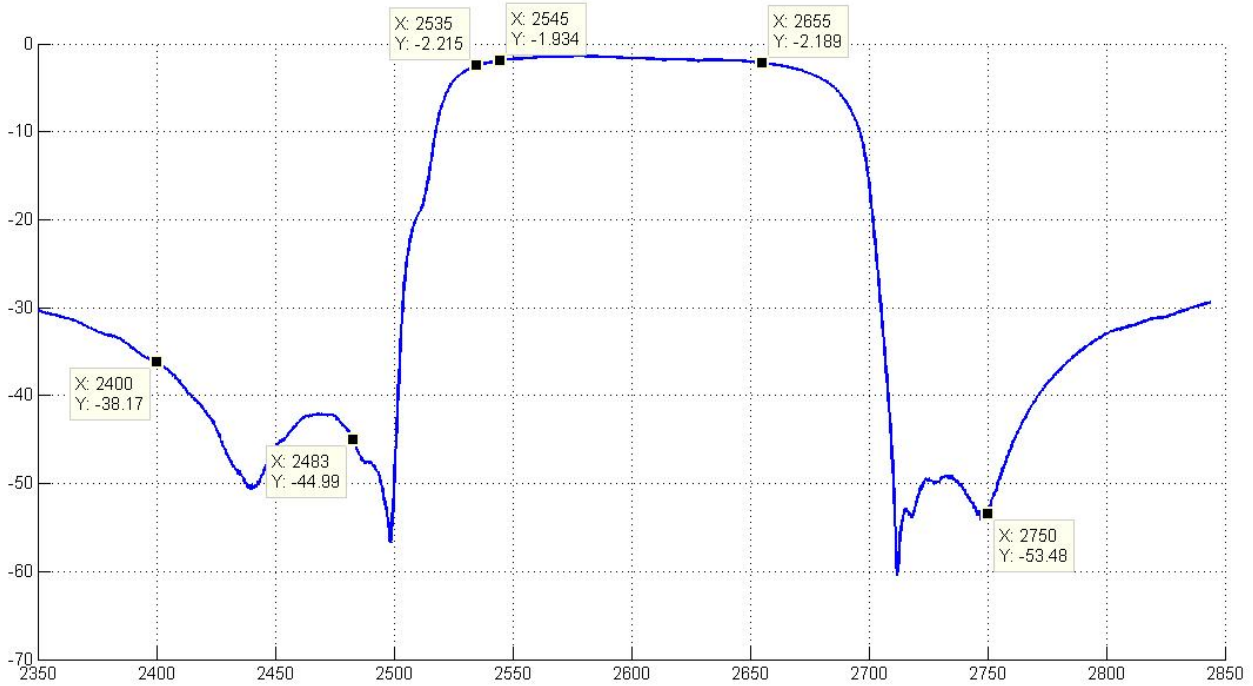
Parameters		Value	Unit
Center Frequency (Fo)		2595.000	MHz
Insertion Loss, typ/max	2535 ~ 2545 MHz	2.2 / 2.8	dB
	2545 ~ 2655 MHz	2.1 / 2.8	dB
VSWR within 2535 ~ 2655 MHz, typ/max		1.6 / 2.0	-
Amplitude Ripple within 2535 ~ 2655 MHz, typ/max		1.0 / 2.0	dB
Attenuation, min/typ	10 MHz ~ 960 MHz	-37 / -50	dB
	1225 MHz ~ 2400 MHz	-26 / -31	dB
	2400 MHz ~ 2483 MHz	-33 / -38	dB
	2750 MHz ~ 4900 MHz	-28 / -30	dB
	4900 MHz ~ 6000 MHz	-25 / -30	dB
Input Power, max, 2000h		29	dBm
DC Voltage		5	V
Input Impedance		50 // 3.5	Ω // nH
Output Impedance		50 // 4.0	Ω // nH
Operating temperature range		-30 to +85	$^{\circ}$ C
Storage Temperature		-40 to +85	$^{\circ}$ C

Dimension

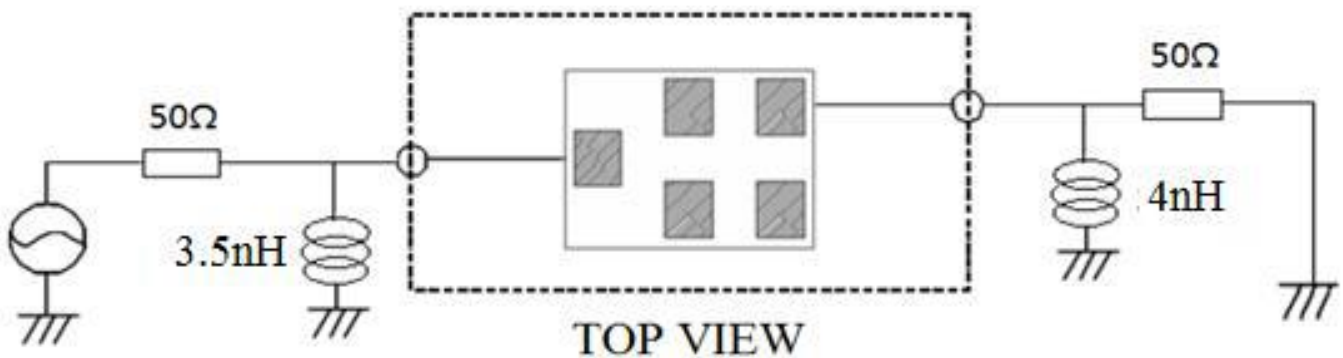


PIN #	PIN NAME	DESCRIPTION
1	IN	Input
4	OUT	Output
2, 3, 5	GND	Ground

Frequency Characteristics



Test Circuit

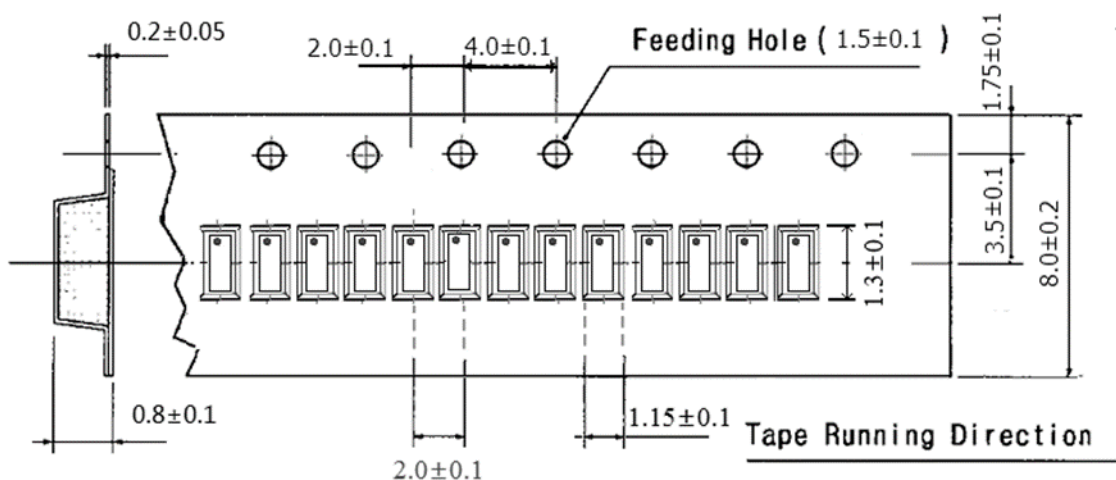


Environmental

PARAMETER	VALUE
MOISTURE SENSITIVITY LEVEL	1
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

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BAND 41 RF SAW FILTER
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