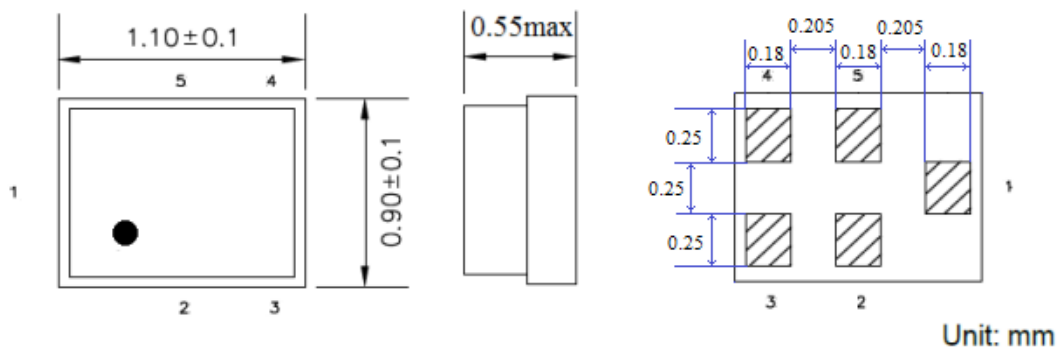


- ❖ Low-Loss RF Filter for Mobile Phone Band 41 Systems
- ❖ Useable Pass Band 120 MHz
- ❖ Impedance 50  $\Omega$  Input and Output
- ❖ Unbalanced to Unbalanced Operation

### Electrical Specification

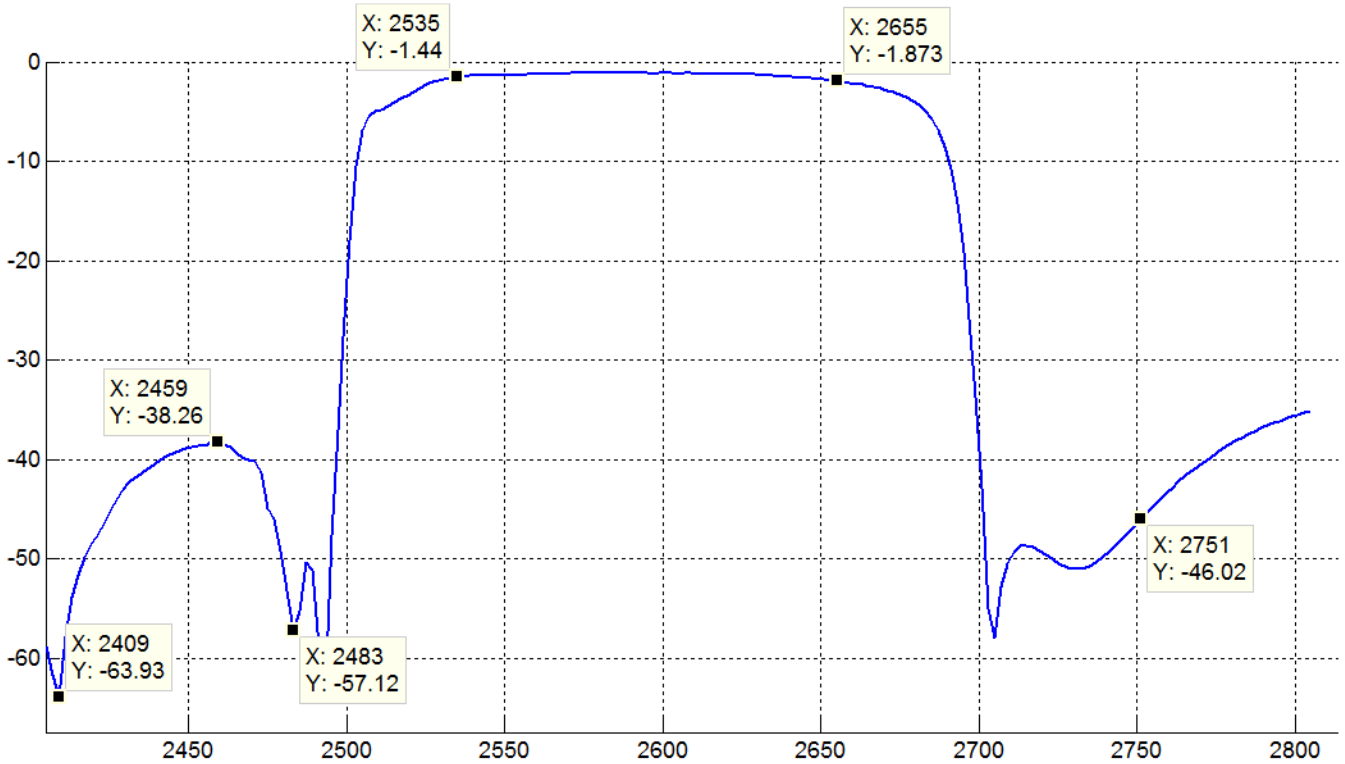
Parameters		Value	Unit
Center Frequency (Fc)		2595.000	MHz
Insertion Loss, typ/max	2535 ~ 2655 MHz	1.8 / 2.4	dB
VSWR, typ/max	2535 ~ 2655 MHz	1.6 / 2.0	-
Amplitude Ripple, typ/max	2535 ~ 2655 MHz	1.0 / 2.0	dB
Attenuation, min/typ	10 MHz ~ 960 MHz	-30 / -35	dB
	1225 MHz ~ 2400 MHz	-27 / -32	dB
	2400 MHz ~ 2483 MHz	-34 / -38	dB
	2750 MHz ~ 4900 MHz	-28 / -30	dB
	4900 MHz ~ 6000 MHz	-25 / -30	dB
Input Power, CW, 5000h		32	dBm
DC Voltage		5	V
Input Impedance		50 // 3.5	$\Omega$ // nH
Output Impedance		50 // 5.0	$\Omega$ // nH
ESD voltage Sensitive discharge device	ESD(MM)	50	VDC
	ESD(HBM)	175	VDC
Operating temperature range		-30 to +85	$^{\circ}$ C
Storage Temperature		-40 to +85	$^{\circ}$ C

### Dimension

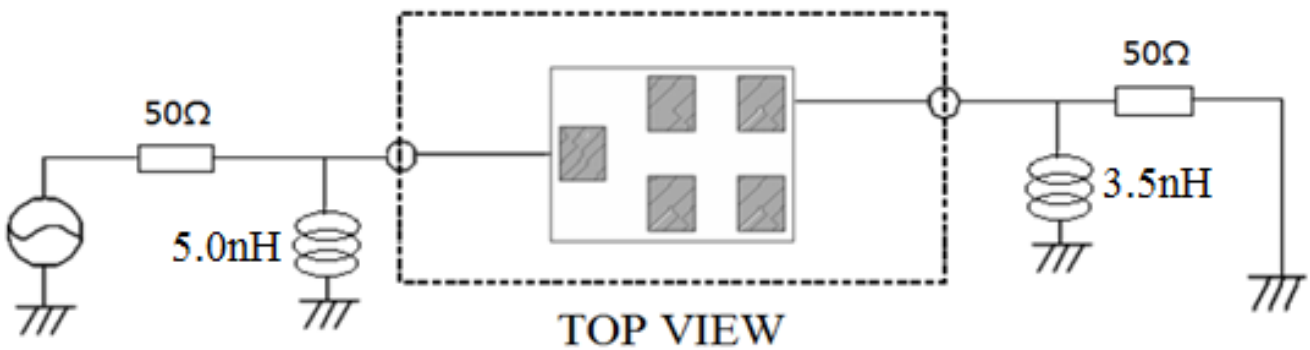


PIN #	PIN NAME	DESCRIPTION
1	IN	Input
4	OUT	Output
2,3,5	GND	Ground

### Frequency Characteristics



### Test Circuit

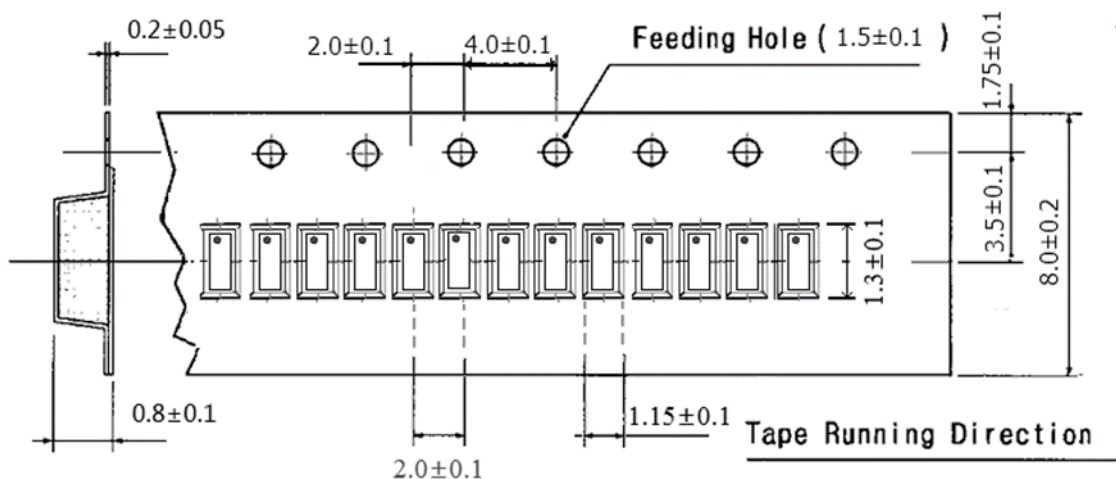


### Environmental

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



### Tape Dimension



### APPROVAL

DRAWN BY	ZZ, August 10, 2021
APPROVED BY	AR, August 10, 2021
REVISION	A, Initial Release

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