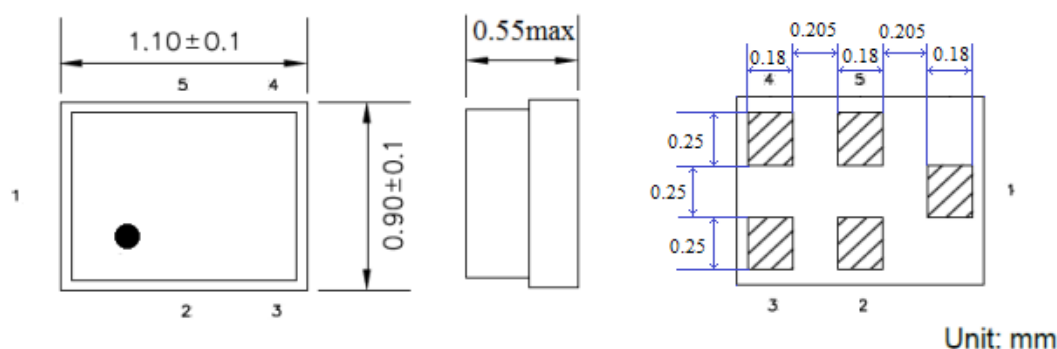


- ❖ RF Filter for Mobile Phone Band 41 Systems
- ❖ Useable Pass Band 140 MHz
- ❖ Impedance 50  $\Omega$  Input and Output
- ❖ Unbalanced to Unbalanced Operation

### Electrical Specification

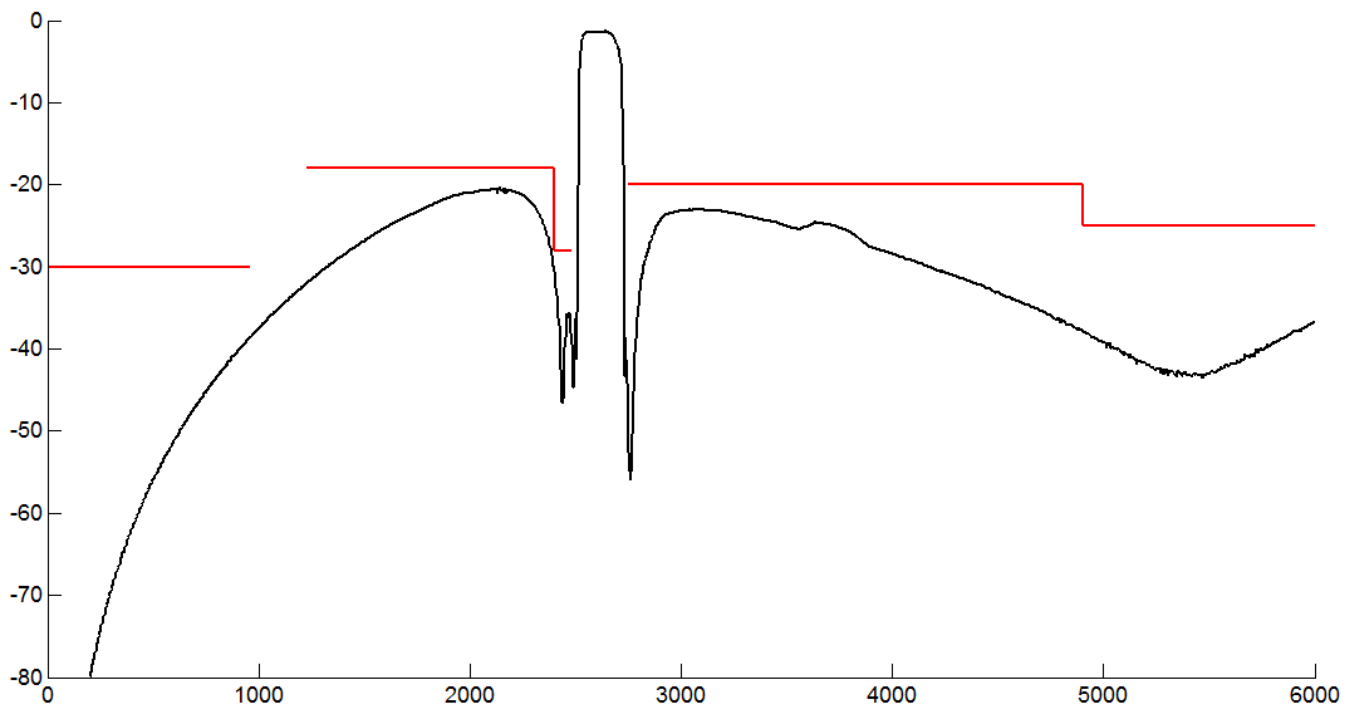
Parameters		Value	Unit
Center Frequency (Fc)		2605.000	MHz
Insertion Loss, typ/max	2535 MHz ~ 2675 MHz	2.0 / 2.5	dB
VSWR, typ/max	2535 MHz ~ 2675 MHz	1.6 / 2.0	-
Amplitude Ripple, typ/max	2535 MHz ~ 2675 MHz	1.0 / 2.0	dB
Attenuation, min/typ	10 MHz ~ 960 MHz	-30 / -38	dB
	1225 MHz ~ 2400 MHz	-18 / -22	dB
	2400 MHz ~ 2483 MHz	-28 / -32	dB
	2750 MHz ~ 4900 MHz	-20 / -24	dB
	4900 MHz ~ 6000 MHz	-25 / -36	dB
Input Power, max	@ CW, 5000h	15	dBm
DC Voltage		5	V
Input / Output Impedance		50 // 3.5	nH
		50 // 3.5	nH
ESD voltage Sensitive discharge device	ESD(MM)	50	VDC
	ESD(HBM)	175	VDC
Operating Temperature range		-30 to +85	$^{\circ}$ C
Storage Temperature Range		-40 to +85	$^{\circ}$ C

### Dimension

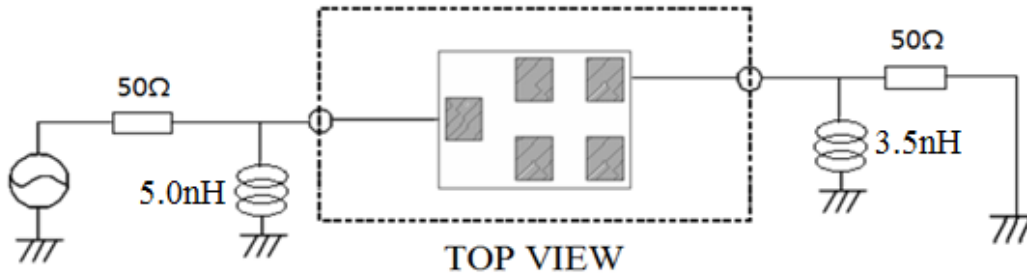


PIN #	PIN NAME	DESCRIPTION
1	IN	Input
4	OUT	Output
2,3,5	GND	Ground

### Frequency Characteristics



### Test Circuit

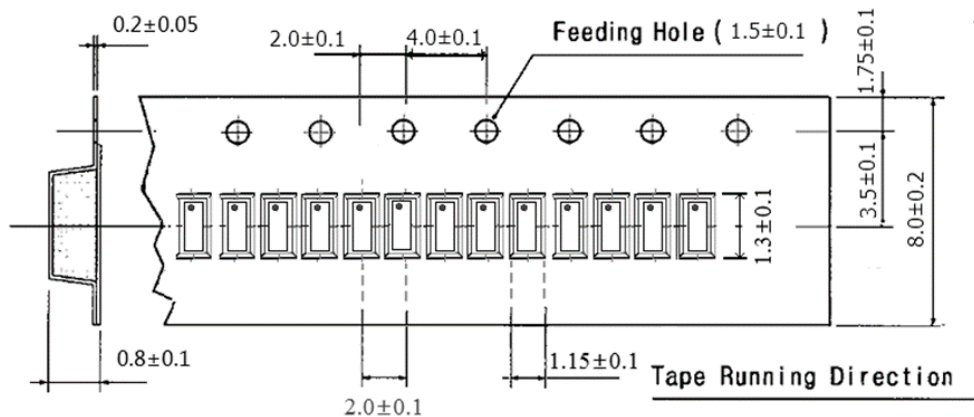


### Environmental

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



### Tape Dimension



### APPROVAL

DRAWN BY	AR, August 12, 2021
APPROVED BY	CP, August 12, 2021
REVISION	A, Initial Release

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