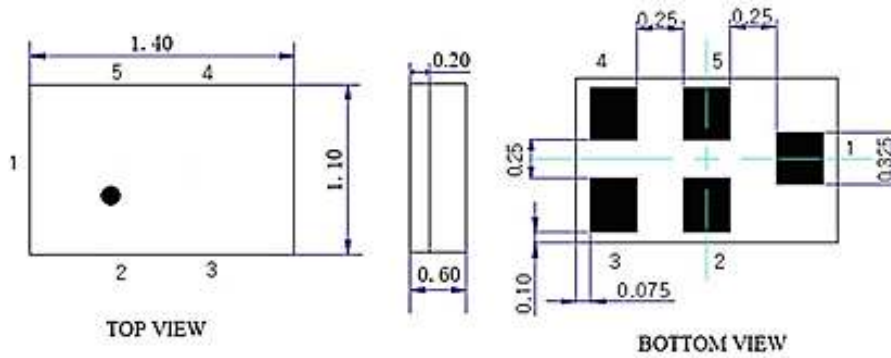


- ❖ Low-Loss RF Filter for Mobile Phone Band 41 Systems
- ❖ Useable Pass Band 194 MHz
- ❖ Impedance 50 Ω Input and Output
- ❖ Unbalanced to Unbalanced Operation

Electrical Specification

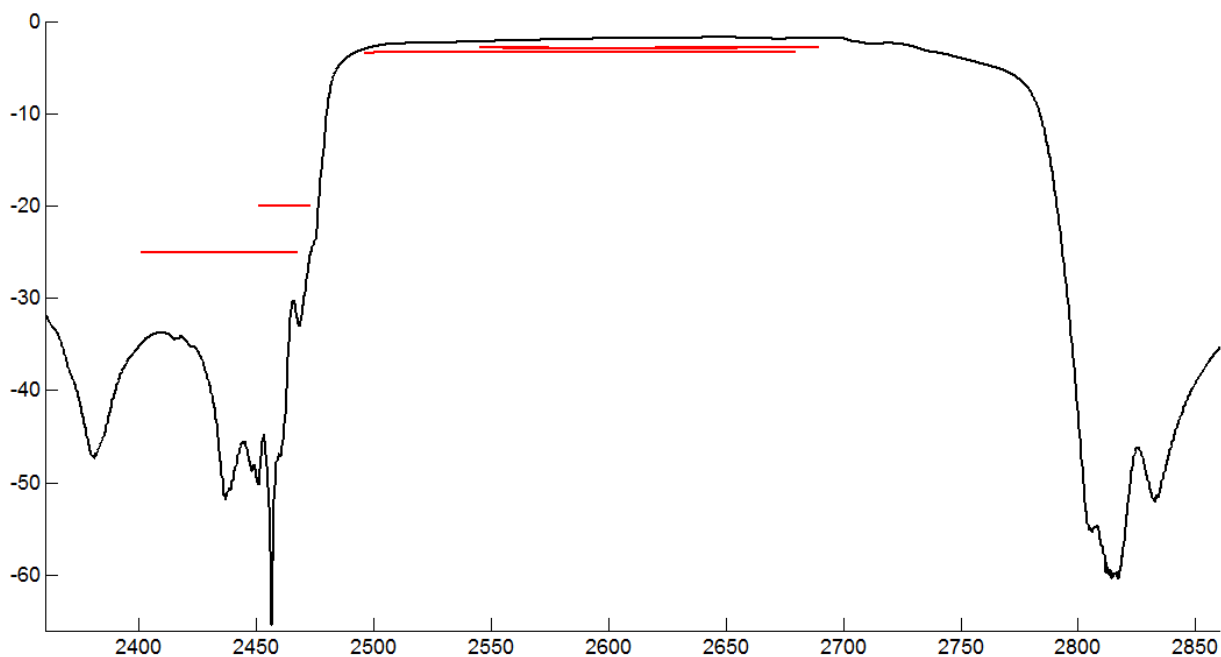
Parameters	Value	Unit
Center Frequency (Fo)	2593.000	MHz
Insertion Loss, typ/max	2496 ~ 2500 MHz	3.0 / 3.5
	2500 ~ 2680 MHz	2.8 / 3.3
	2555 ~ 2655 MHz	2.5 / 3.0
	2545 ~ 2575 MHz	2.4 / 2.8
	2620 ~ 2690 MHz	2.5 / 2.9
VSWR, typ/max	2496 ~ 2520 MHz	1.5 / 2.0
	2520 ~ 2690 MHz	1.5 / 2.0
Amplitude Ripple (p-p), typ/max	2496 ~ 2520 MHz	1.0 / 2.5
	2520 ~ 2690 MHz	0.5 / 1.8
Attenuation, min/typ	10 ~ 916 MHz	-40 / -45
	925 ~ 960 MHz	-39 / -44
	1226.57 ~ 1228.63 MHz	-32 / -37
	1242.42 ~ 1249.14 MHz	-31 / -37
	1248 ~ 1564 MHz	-28 / -32
	1565 ~ 1605 MHz	-27 / -31
	1615 ~ 2400 MHz	-16 / -23
	1710 ~ 1785 MHz	-26 / -30
	1805 ~ 1920 MHz	-23 / -30
	1920 ~ 1980 MHz	-22 / -29
	2110 ~ 2170 MHz	-25 / -32
	2401 ~ 2468 MHz	-25 / -30
	2451 ~ 2473 MHz	-20 / -25
4992 ~ 5380 MHz	-25 / -35	
Input Power, max, 5000h	32	dBm
DC Voltage	3	V
ESD Voltage ESD (MM)	50	VDC
Sensitive Discharge Voltage ESD(HBM)	175	VDC
Operating temperature range	-20 ~ +85	°C
Storage Temperature	-40 ~ +85	°C

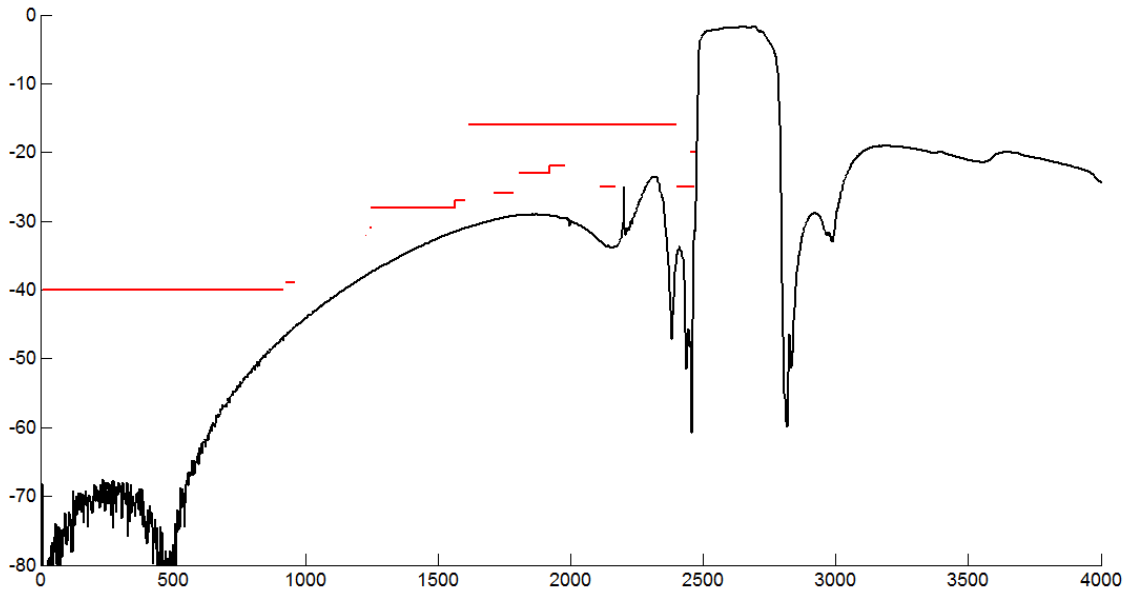
Dimension



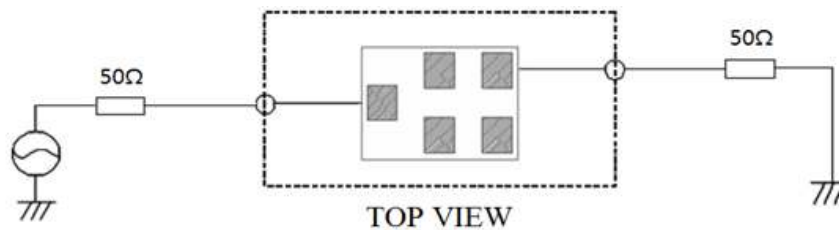
PIN #	PIN NAME	DESCRIPTION
1	IN	Input
2	GND	Ground
3	GND	Ground
4	OUT	Output
5	GND	Ground

Frequency Characteristics





Test Circuit



Environmental

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



APPROVAL

DRAWN BY	LP, December 19, 2018
APPROVED BY	JL, December 19, 2018
REVISION	A, Initial Release

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