

RSF-876.500-35000-1109-TR-NS2

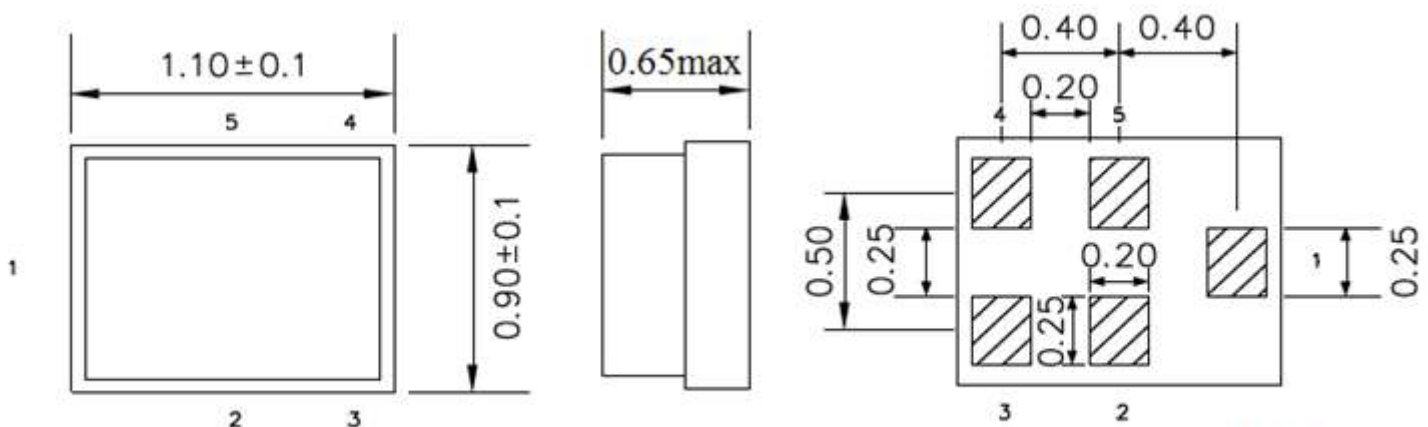
- ❖ Low-Loss RF Filter for Mobile Telephone WCDMA / LTE Band 26 systems, Receive Path (RX).
- ❖ Useable Passband 35 MHz.
- ❖ Suitable for Diversity Applications.
- ❖ Impedance 50 Ω Input and Output.
- ❖ Unbalanced to Unbalanced Operation.
- ❖ RoHS Compatible.

Electrical Specification

Parameters		Value	Unit
Center Frequency (Fo)		876.500	MHz
Insertion Loss, typ/max	859 ~ 894 MHz	1.8 / 3.0	dB
Amplitude Ripple, typ/max	859 ~ 894 MHz	0.8 / 2.0	dB
VSWR, typ/max	859 ~ 894 MHz	1.6 / 2.0	-
Attenuation, min/typ	10 ~ 814 MHz	-30 / -35	dB
	814 ~ 849 MHz	-35 / -38	dB
	935 ~ 979 MHz	-22 / -25	dB
	979 ~ 6000 MHz	-28 / -33	dB
DC Voltage	@ 25 \pm 2 deg.C	5	V
Input Power, max	@ 2000 h	15	dBm
ESD Voltage ESD (MM, 10 negative & 10 positive pulse)		100	VDC
Terminating Source Impedance, unbalanced		50 // 36	Ω // nH
Terminating Load Impedance, unbalanced		50 // 36	Ω // nH
Operating Temperature Range		-30 ~ +85	$^{\circ}$ C
Storage Temperature Range		-40 ~ +85	$^{\circ}$ C

Note: Specification at T= -20 ~ +80 $^{\circ}$ C

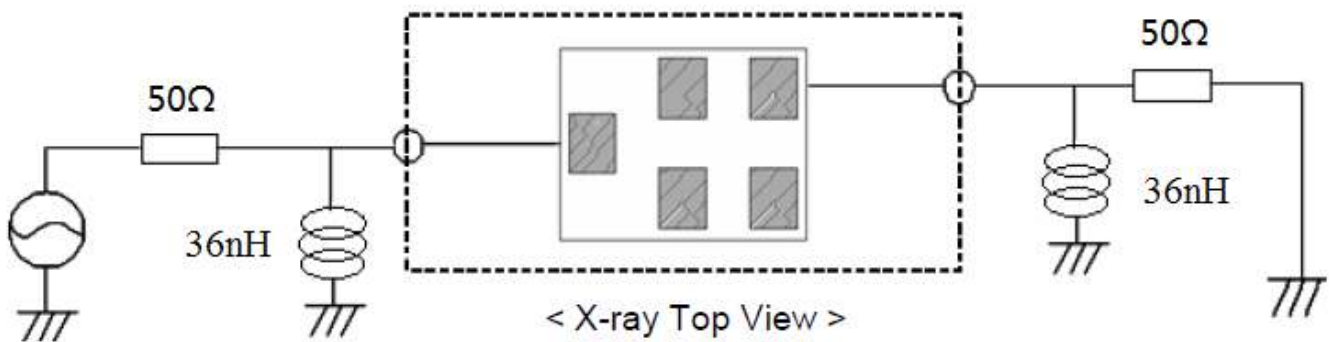
Dimensions



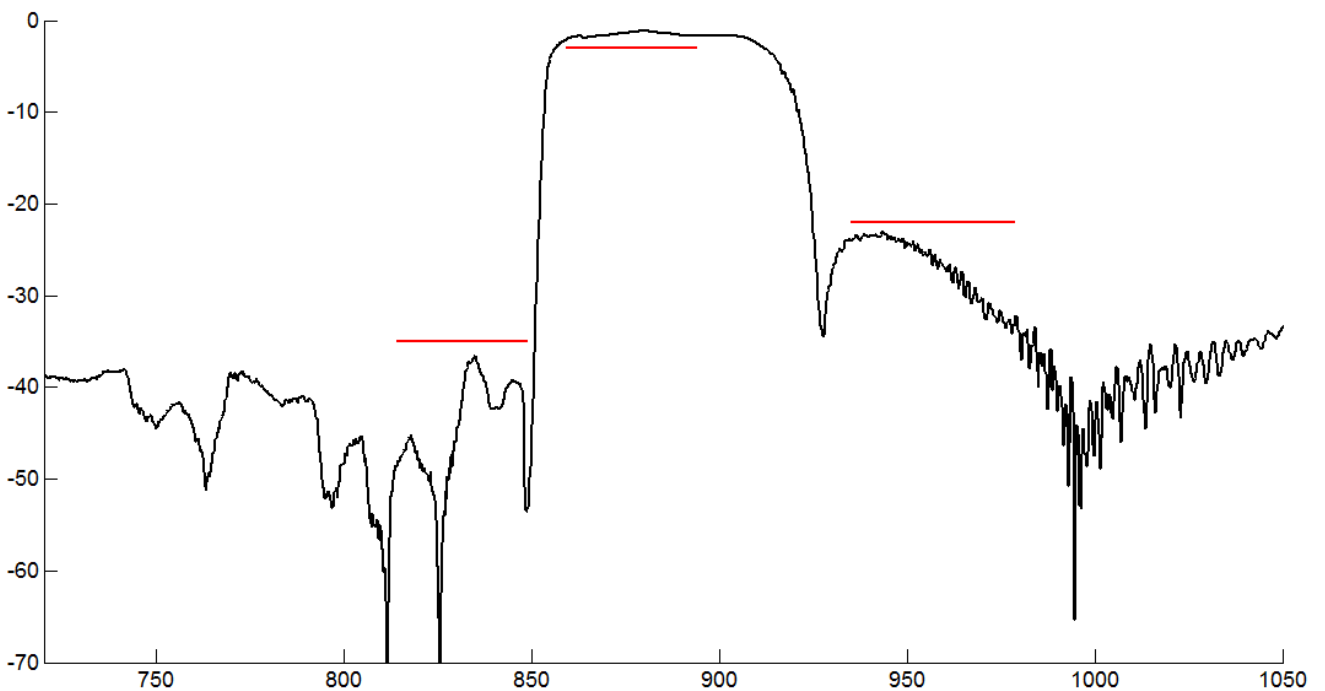
Unit: mm

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

● **APPROVAL**

DRAWN BY	AR, January 10, 2019
APPROVED BY	CP, January 10, 2019
REVISION	A, Initial Release

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