



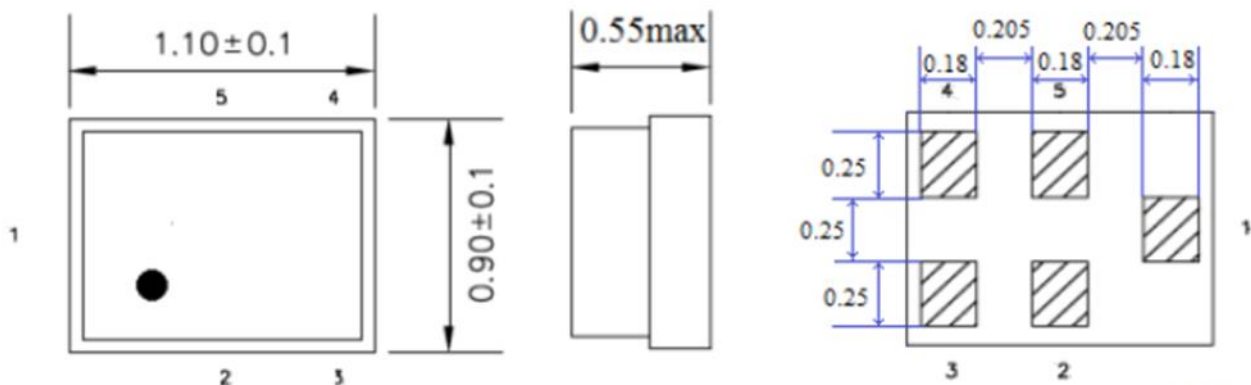
**THE DATASHEET OF  
RSF-881.500-25000-1109-TR-NS3**



### Electrical Specification

Parameters		Value	Unit
Insertion Loss, typ/max	869 MHz ~ 894 MHz	1.6 / 2.0	dB
Pass Band Ripple, typ/max	869 MHz ~ 894 MHz	0.4 / 1.0	dB
VSWR, typ/max	869 MHz ~ 894 MHz	1.5 / 1.8	-
Attenuation, min/typ	45 MHz	-50 / -65	dB
	779 MHz ~ 804 MHz	-46 / -49	dB
	824 MHz ~ 849 MHz	-42 / -49	dB
	1693 MHz ~ 1743 MHz	-36 / -39	dB
	1738 MHz ~ 1788 MHz	-35 / -38	dB
	2400 MHz ~ 2500 MHz	-30 / -33	dB
	2607 MHz ~ 2682 MHz	-30 / -33	dB
3000 MHz ~ 6000 MHz	-27 / -30	dB	
Input Power, max, 3000h, 50°C		15	dBm
ESD voltage Sensitive discharge device	ESD(MM)	50	VDC
	ESD(HBM)	175	VDC
DC Voltage		5	V
Terminating Source Impedance		50	Ω
Useable Passband		25	MHz
Operating Temperature Range		-30 to +85	°C
Storage Temperature Range		-40 to +85	°C

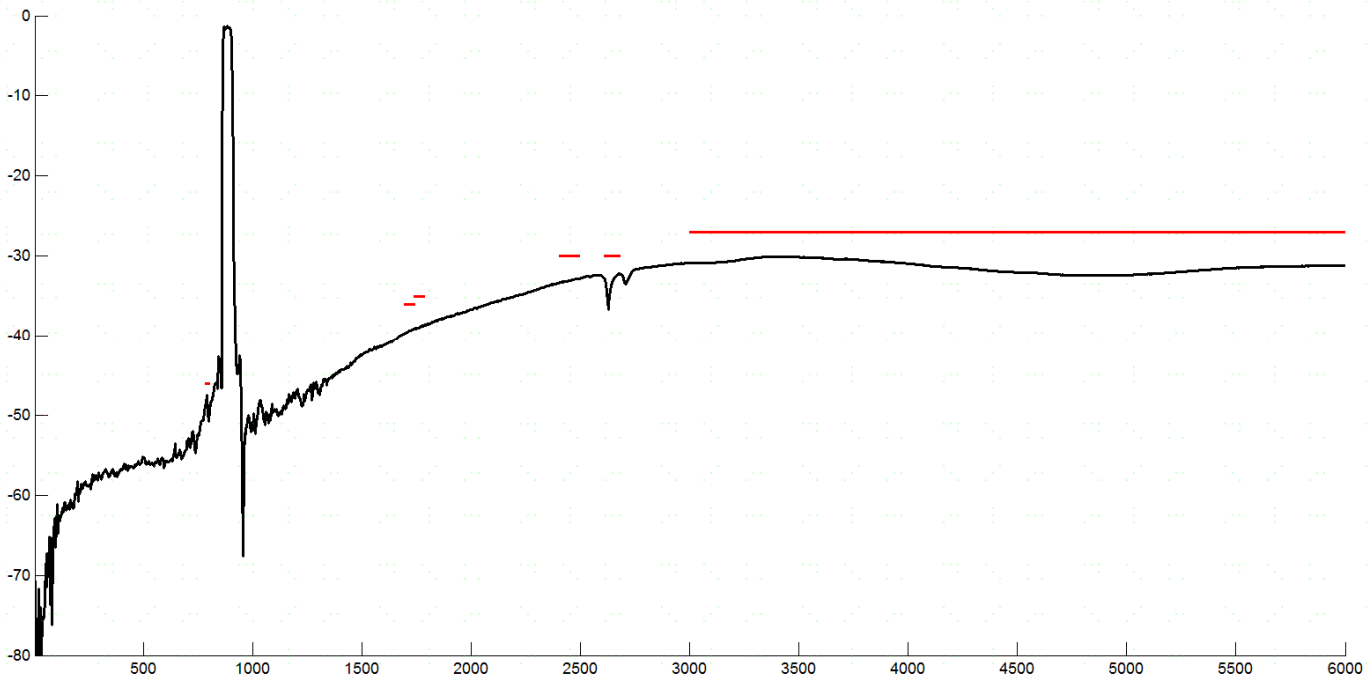
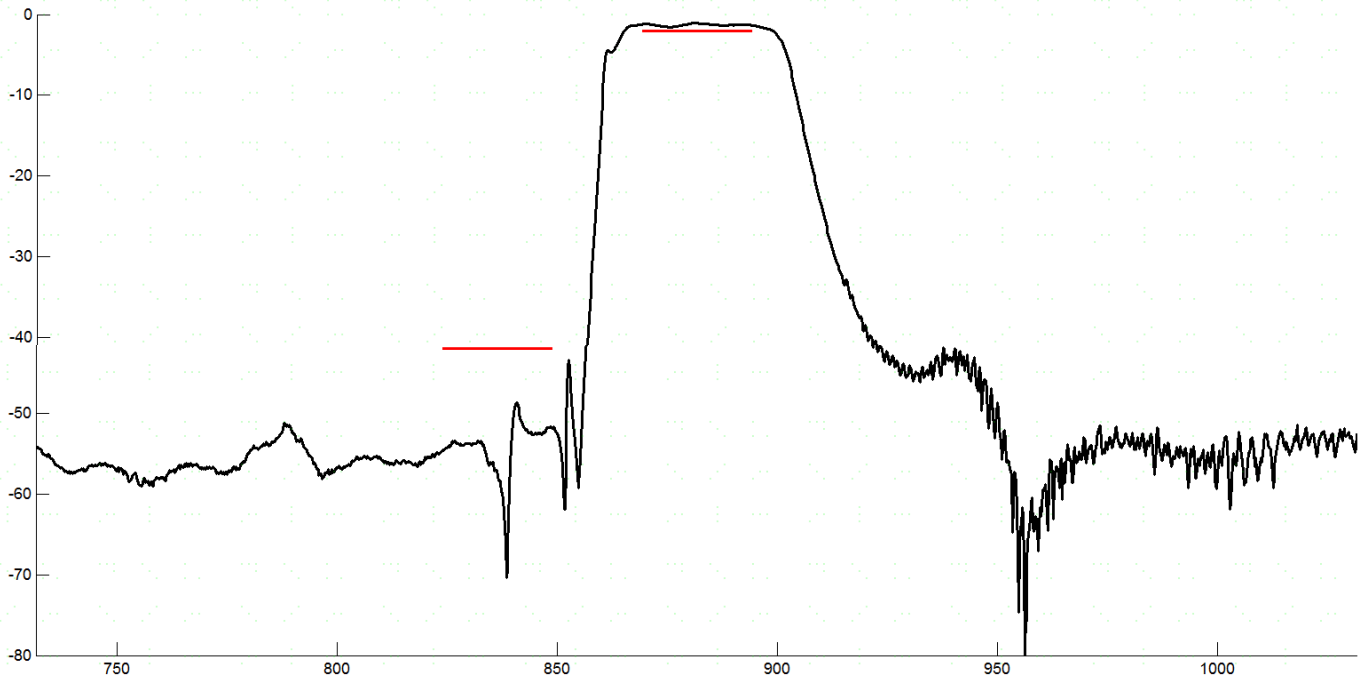
### Dimension



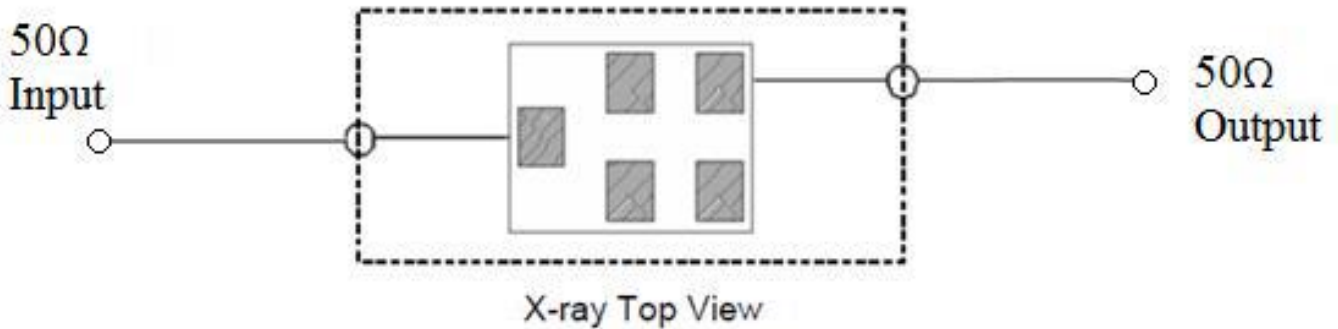
Unit: mm

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

**Frequency Characteristics**



### Test Circuit

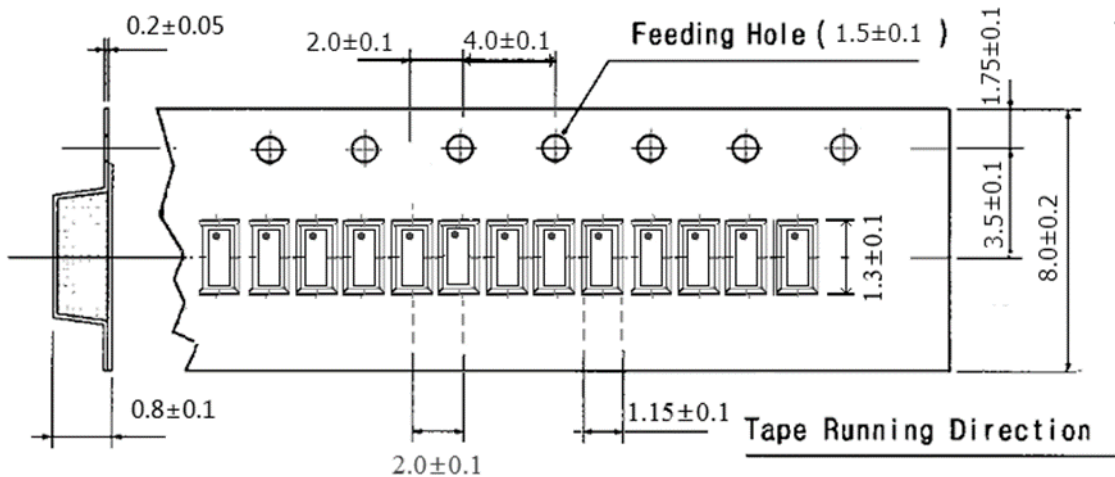


### Environmental

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



### Tape Dimension



### APPROVAL

DRAWN BY	ZZ, August 11, 2021
APPROVED BY	AR, August 11, 2021
REVISION	A, Initial Release

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