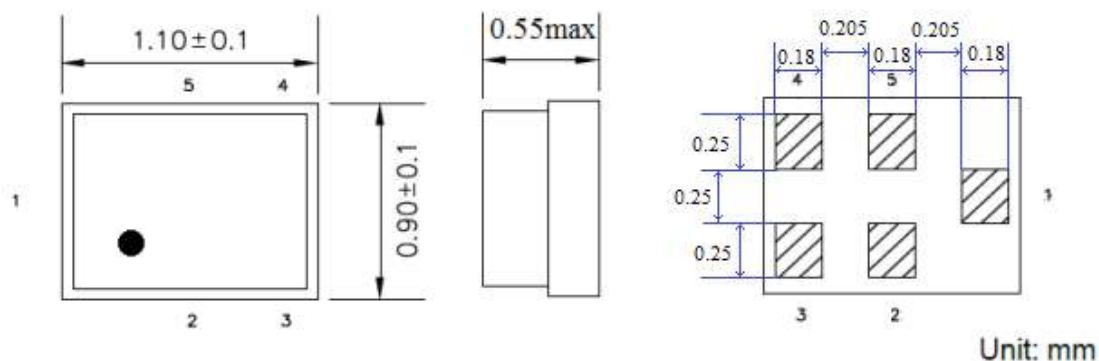


Electrical Specifications

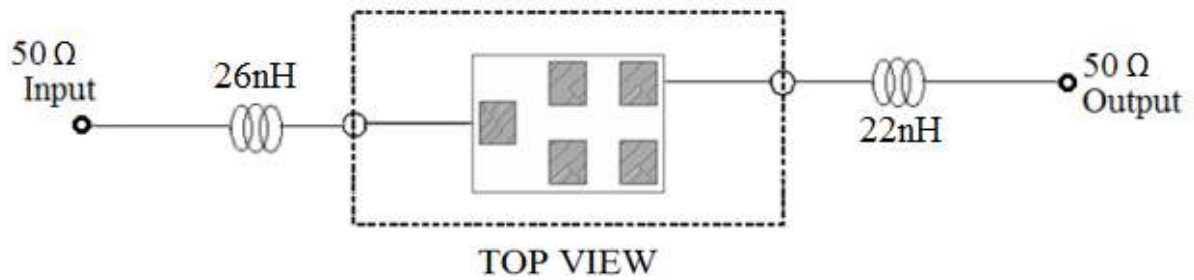
Parameters		Value	Unit
Center Frequency (Fo)		634.500	MHz
Insertion Loss, typ/max	@ 617.340 ~ 651.660 MHz	1.8 / 2.2	dB
Amplitude Ripple, typ/max	@ 617.340 ~ 651.660 MHz	1.0 / 1.8	dB
VSWR, typ/max	@ 617.340 ~ 651.660 MHz	1.5 / 2.0	-
Attenuation, min/typ	@ 1.000 ~ 608.000 MHz	-32 / -40	dB
	@ 35.000 ~ 55.000 MHz	-50 / -60	dB
	@ 205.000 ~ 326.000 MHz	-40 / -50	dB
	@ 532.000 ~ 557.000 MHz	-30 / -50	dB
	@ 663.000 ~ 698.000 MHz	-40 / -45	dB
	@ 709.000 ~ 805.000 MHz	-30 / -45	dB
	@ 816.000 ~ 818.000 MHz	-35 / -50	dB
	@ 1058.000 ~ 1755.000 MHz	-35 / -55	dB
	@ 1710.000 ~ 1956.000 MHz	-45 / -65	dB
	@ 1956.000 ~ 5950.000 MHz	-40 / -50	dB
@ 5170.000 ~ 6520.000 MHz	-20 / -32	dB	
DC Voltage		5	V
Input Power, max (CW 2000h, 50°C)		15	dBm
ESD Voltage ESD (MM)		50	V
Sensitive Discharge Device ESD(HBM)		175	V
Operating Temperature Range		-30 ~ +85	°C
Storage Temperature Range		-40 ~ +85	°C
MSL		2	-

Dimension

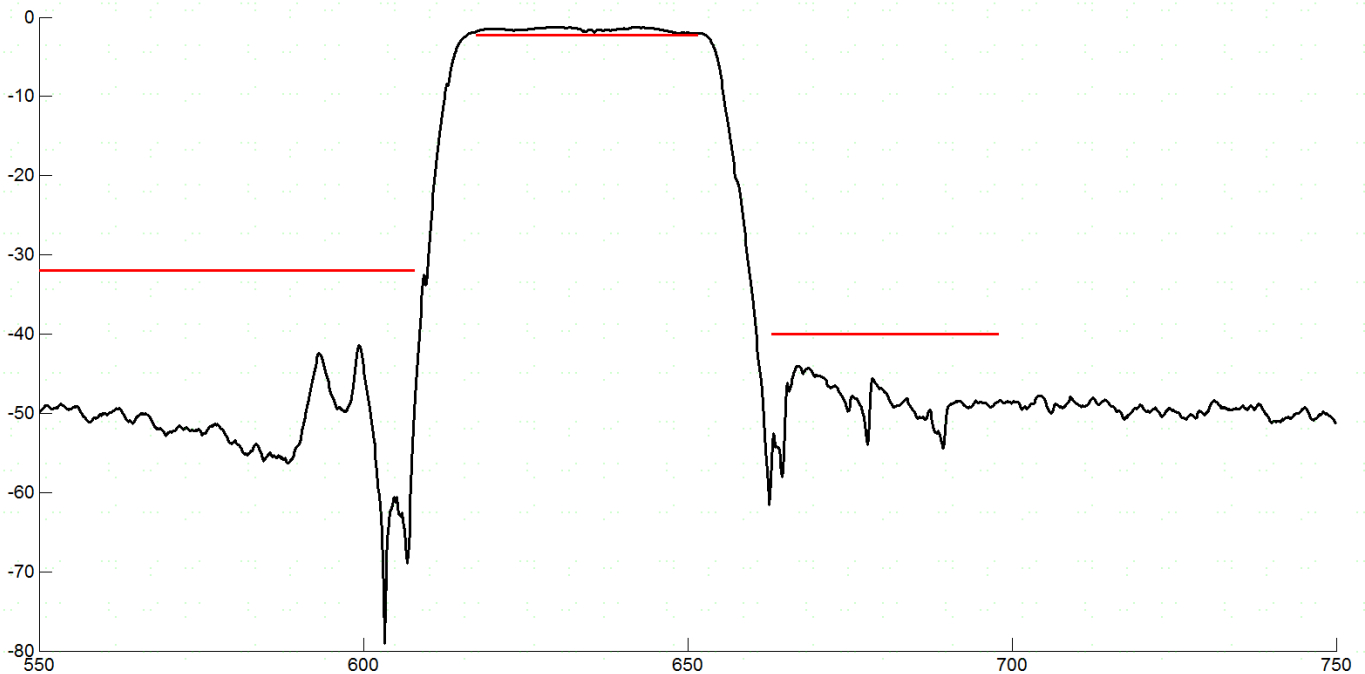


PIN #	PIN NAME	DESCRIPTION
1	IN	Input
4	OUT	Output
2,3,5	GND	Ground

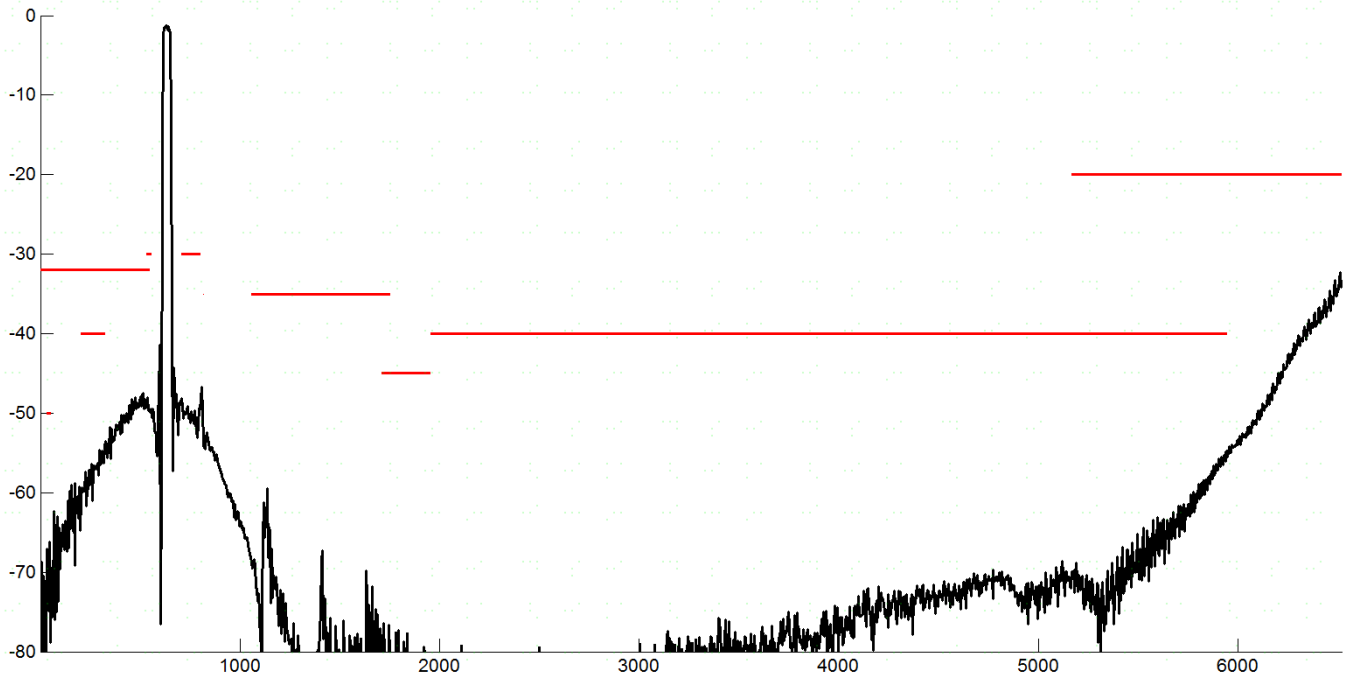
Test Circuit



Frequency Characteristics



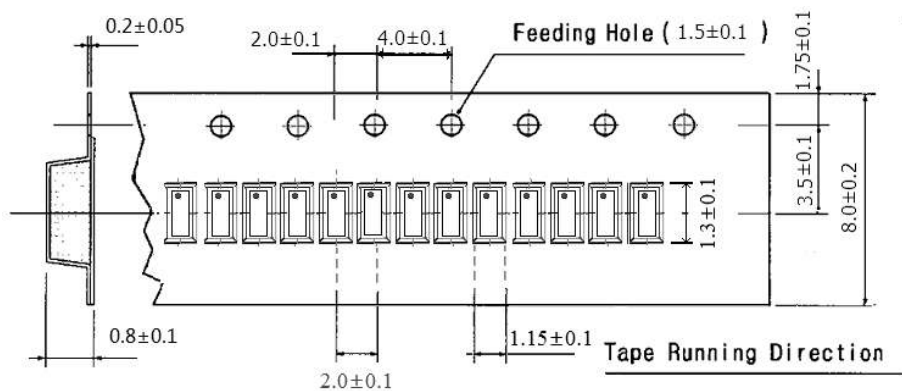
RSF-634.500-35000-1109-TR



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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