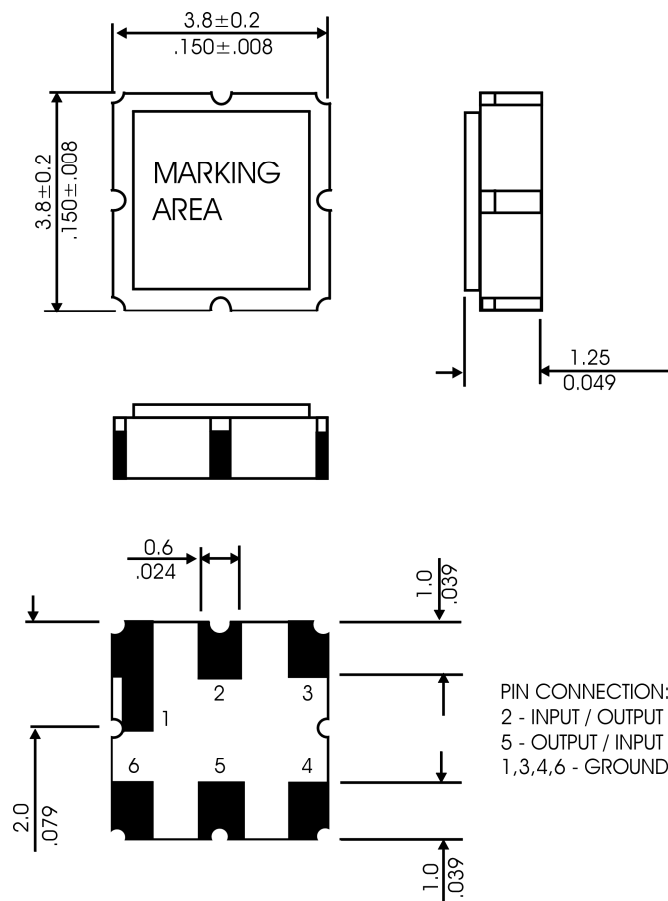


RF SAW BANDPASS FILTER RSF-284.000-8000-3838-TR-NS2

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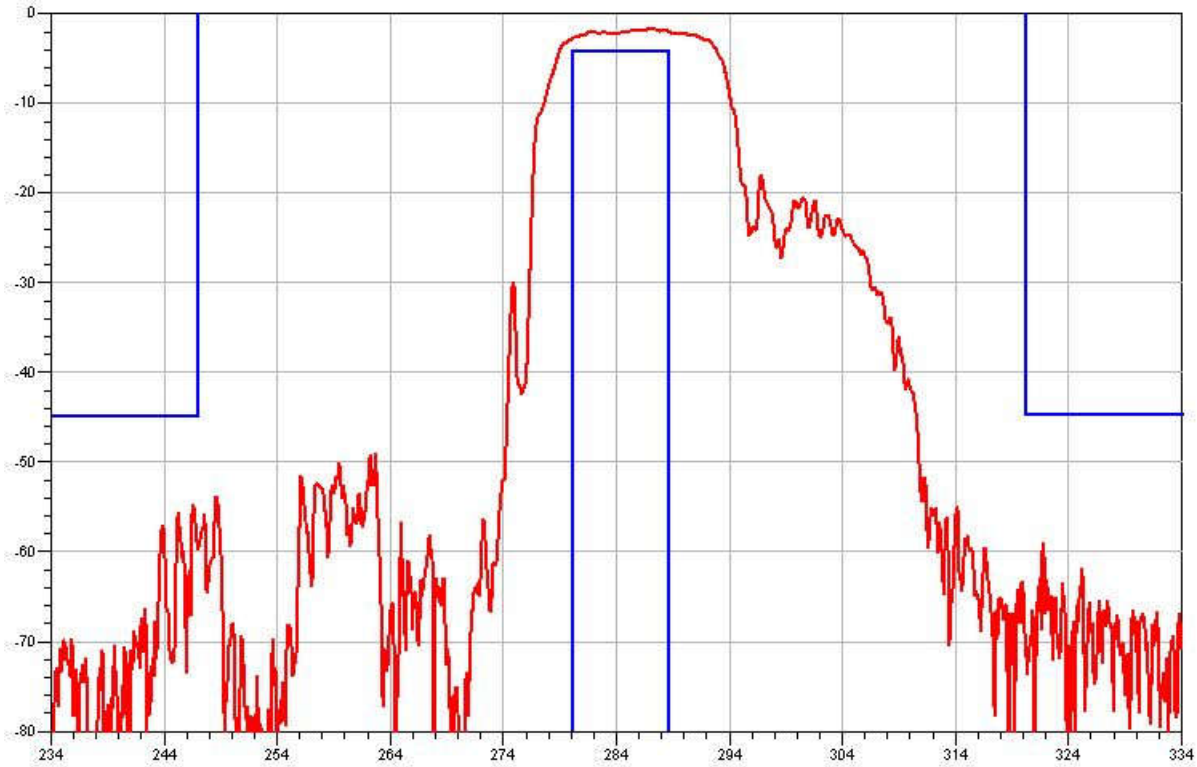
Items		Specification	Unit
Nominal Frequency (fo)		284.000	MHz
Pass Bandwidth		8000	kHz
Insertion Loss in BW		4.5	dB Max
Amplitude Ripple in BW		1.5	dB Max
Absolute Attenuation	100 MHz ~ 246.5 MHz	48	dB min
	321.5 MHz ~ 384 MHz	48	dB min
DC Voltage, maximum		10 VDC	
Input Power, maximum		0 dBm	
Terminating Impedance		150Ω	
Operation Temperature		-10°C to +50°C	↔
Storage Temperature		-40°C to +85°C	

Dimension

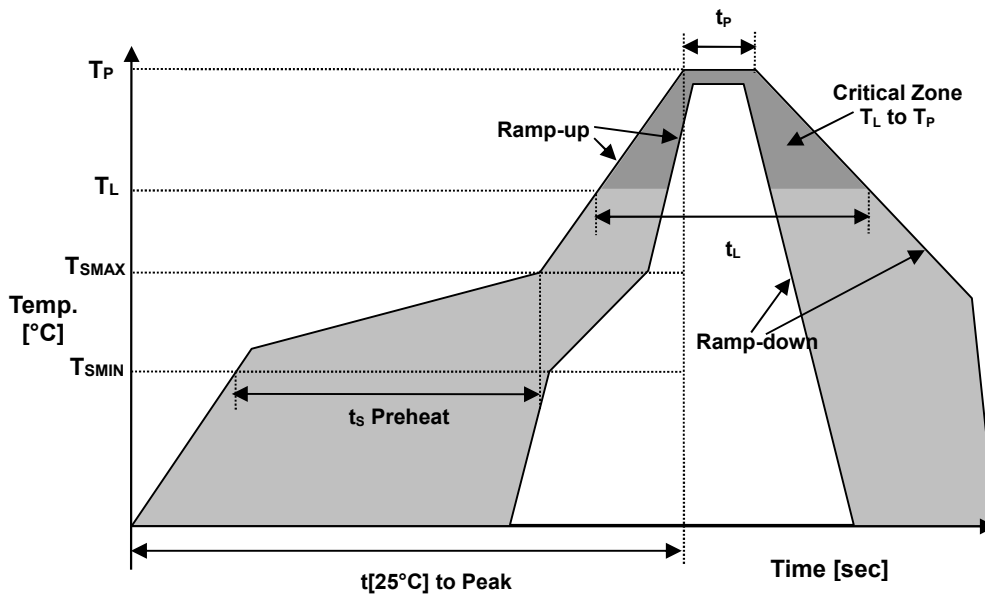


Frequency Characteristics

Frequency Response



● **REFLOW PROFILE**



Reflow profile		
Temperature Min Preheat	T_{SMIN}	150°C
Temperature Max Preheat	T_{SMAX}	200°C
Time (T_{SMIN} to T_{SMAX})	t_S	60-180 sec.
Temperature	T_L	217°C
Peak Temperature	T_P	260°C
Ramp-up rate	R_{UP}	3°C/sec max.
Ramp-down rate	R_{DOWN}	6°C/sec max.
Time within 5°C of Peak Temperature	t_P	10 sec.
Time t[25°C] to Peak Temperature	t[25°C] to Peak	480 sec.
Time	t_L	60-150 sec.

Environmental

PARAMETER	VALUE
MOISTURE SENSITIVITY LEVEL	1
SOLDERING TEMPERATURE	+235°C
TERMINATION FINISH	Au
REACH – SVHC	Compliant
RoHS 2	6/6
PACKAGING	TAPE & REEL



April 2016