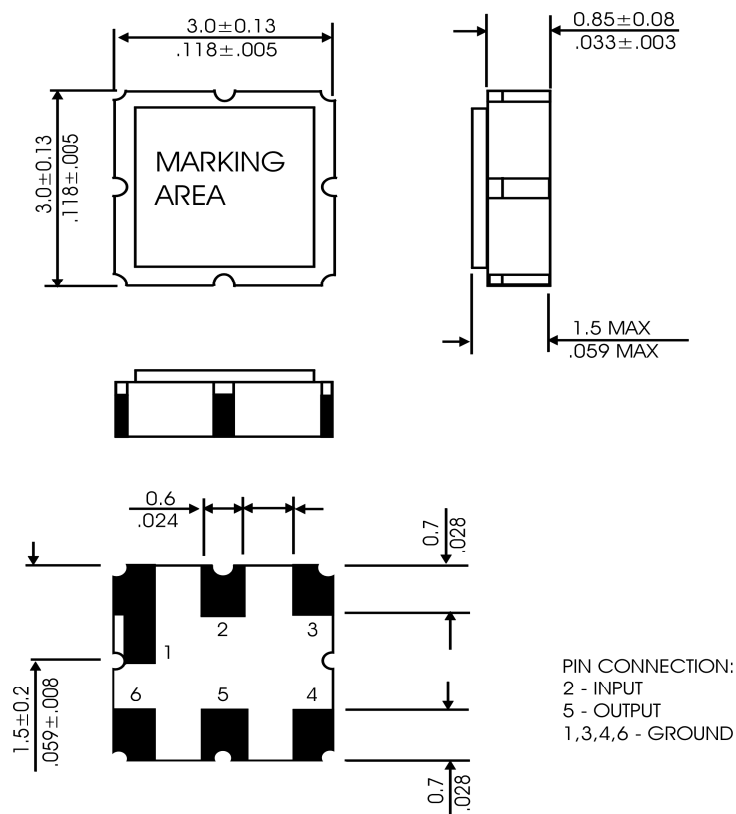


RF SAW FILTER RSF-942.500-35000-3030-TR-NS3

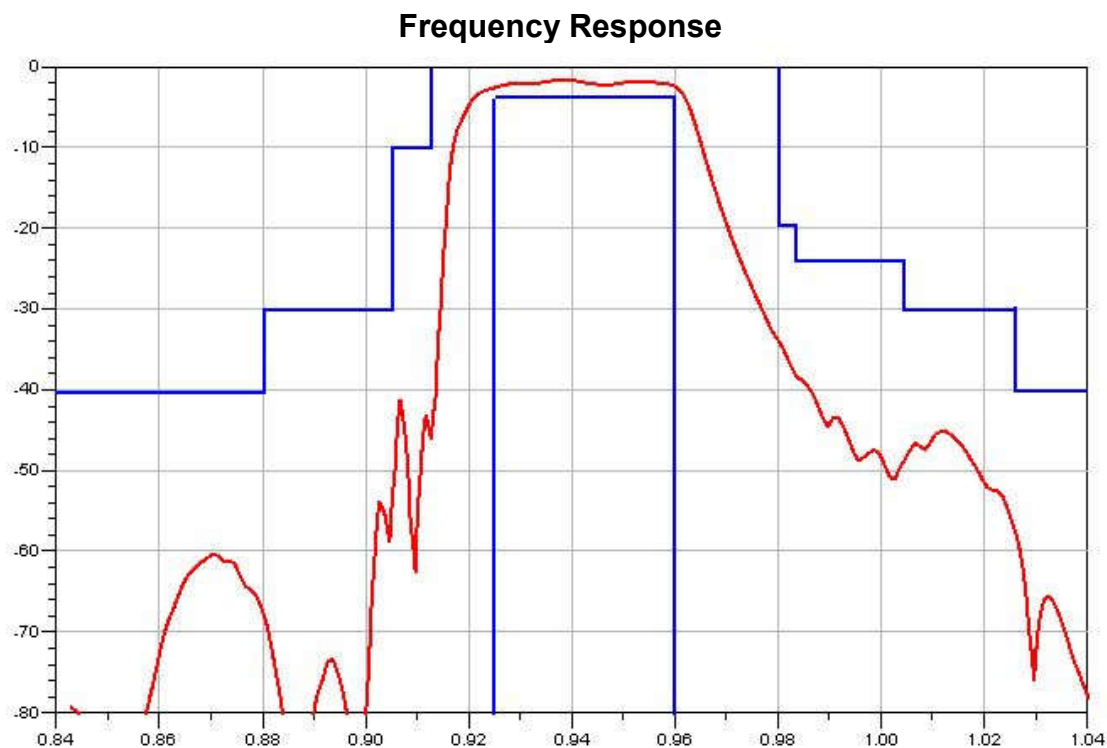
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Items		Specification	Unit
Center frequency (Fo)		942.500	MHz
Bandwidth		35000	kHz
Insertion Loss in BW		4.5 ⇐	dB Max
Amplitude Ripple in BW		2.5	dB Max
VSWR, Max in BW		2.5	--
Absolute Attenuation	DC ~ 800 MHz	50	dB min
	800 MHz ~ 880 MHz	40	dB min
	880 MHz ~ 905 MHz	30	dB min
	905 MHz ~ 915 MHz	10	dB min
	980 MHz ~ 982 MHz	20	dB min
	982 MHz ~ 1005 MHz	23	dB min
	1005 MHz ~ 1025 MHz	30	dB min
	1025 MHz ~ 1760 MHz	40	dB min
1760 MHz ~ 2500 MHz		30	dB min
RF Power		15 dBm Max	
DC Voltage		3 V Max	
In/Out Impedance		50 Ω	
Operation Temperature		-40°C to +85°C ⇐	
Storage Temperature		-40°C to +85°C	

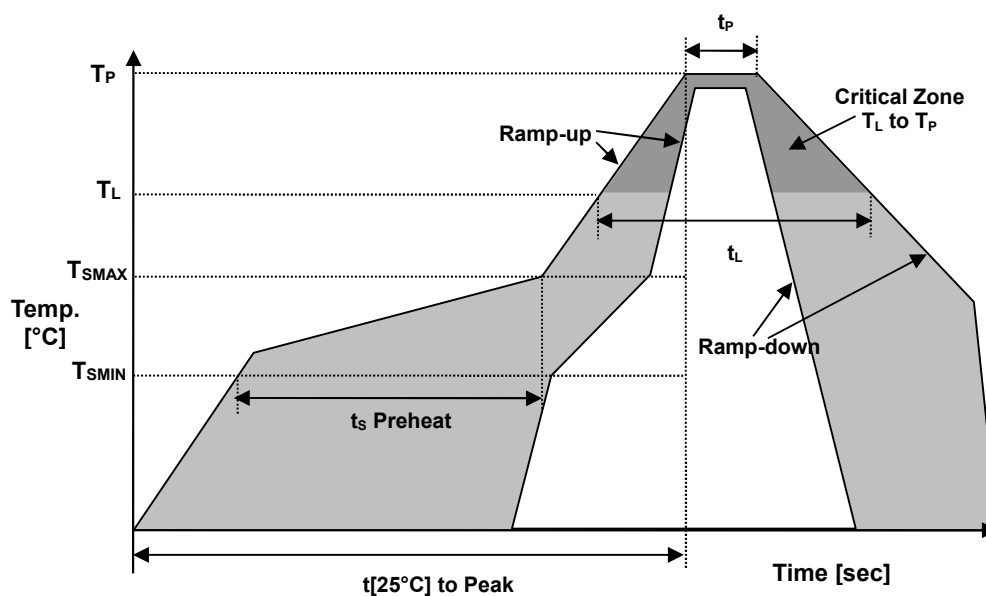
Dimension



Frequency Characteristics



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 $t[25^\circ\text{C}]$ to Peak Temperature	$t[25^\circ\text{C}]$ to Peak	480 sec.
Time	t_L	60-150 sec.

Environmental

PARAMETER	VALUE
MOISTURE SENSITIVITY LEVEL	1
REACH – SVHC	Compliant
RoHS 2	6/6

April 2016