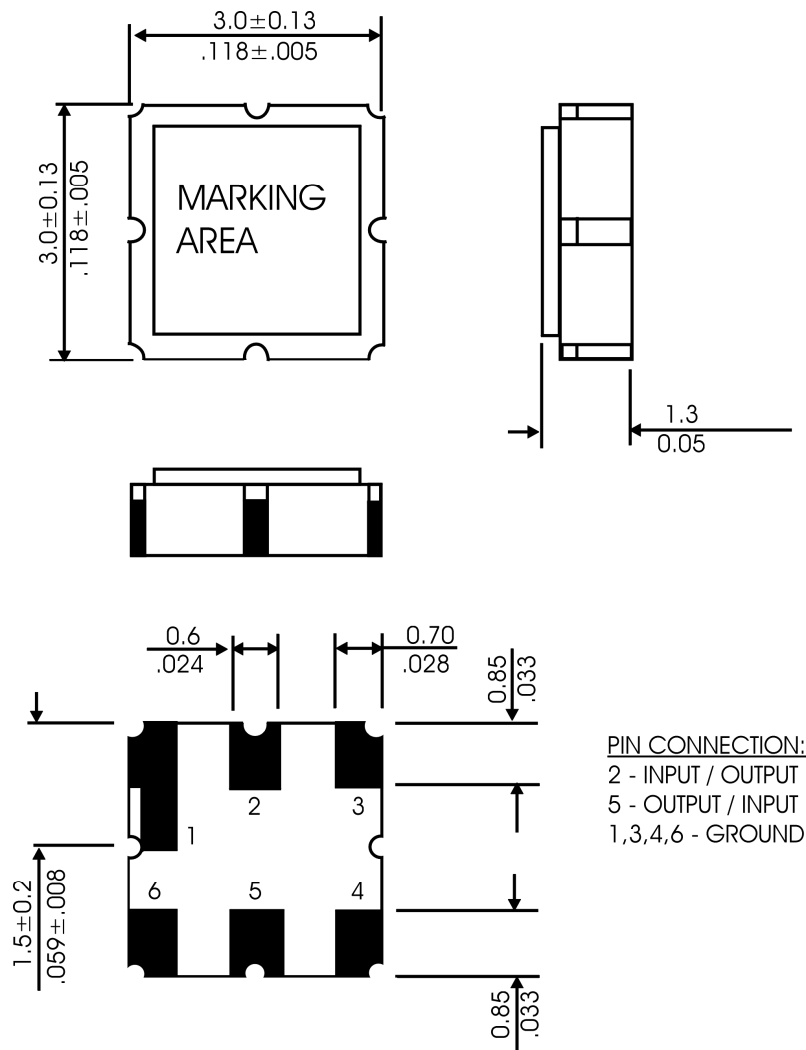


RF SAW FILTER RSF-869.000-2000-3030-TR-NS4

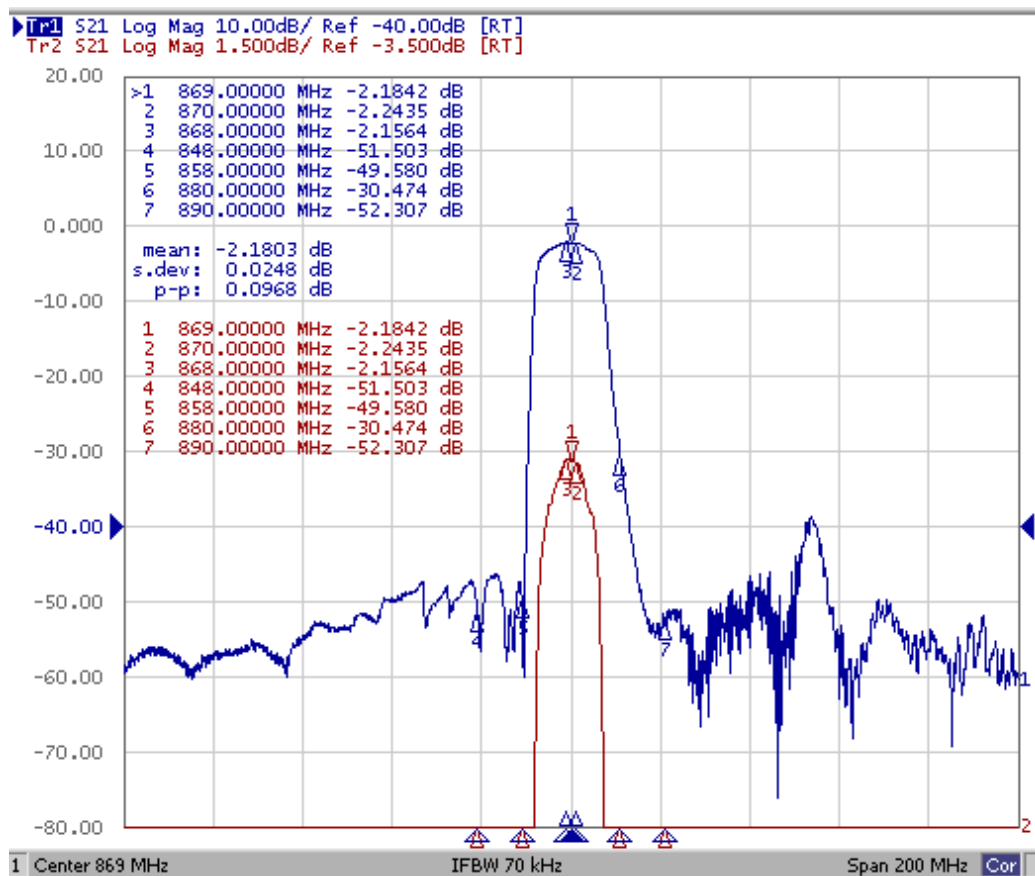
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Items		Specification	Unit
Center frequency (fo)		869.000	MHz
Bandwidth		2000	kHz
Insertion Loss (BW), Typ/Max		2.2 / 3.5	dB
Amplitude Ripple (BW), Typ/Max		0.2 / 1.5	dB
Relative Attenuation Min/Typ	0.3 MHz ~ 849 MHz	-40 / -50	dB
	849 MHz ~ 858 MHz	-30 / -45	dB
	880 MHz ~ 889 MHz	-20 / -30	dB
	889 MHz ~ 980 MHz	-35 / -50	dB
	980 MHz ~ 1500 MHz	-40 / -50	dB
DC Voltage, maximum		10	V
In/Out Impedance		50	Ω
Operation Temperature		-40 to +85	°C
Storage Temperature		-45 to +85	°C

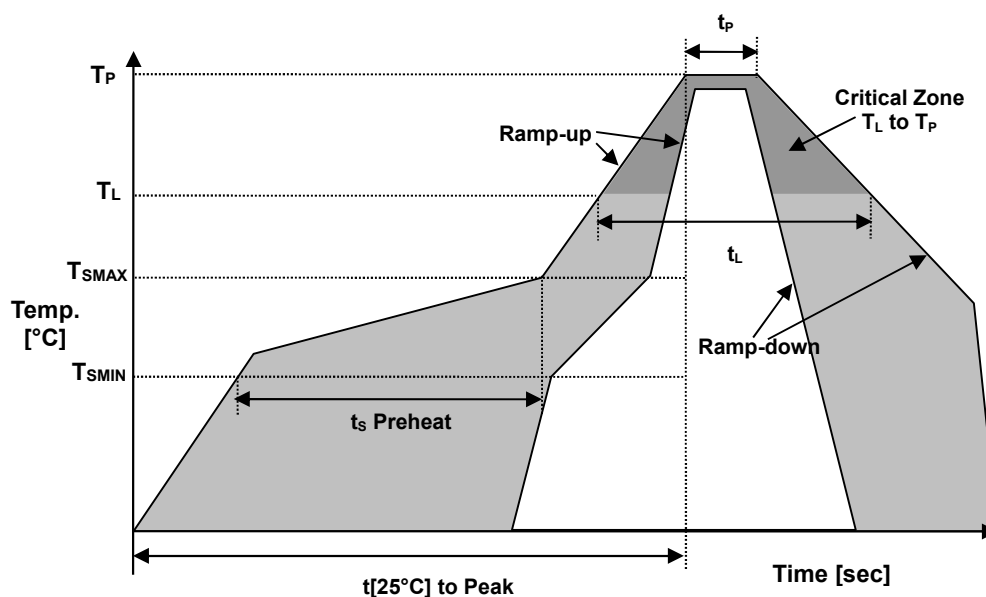
Dimension



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
TERMINATION FINISH	Au
REACH – SVHC	Compliant
RoHS 2	6/6
PACKAGING	TAPE & REEL



April 2016