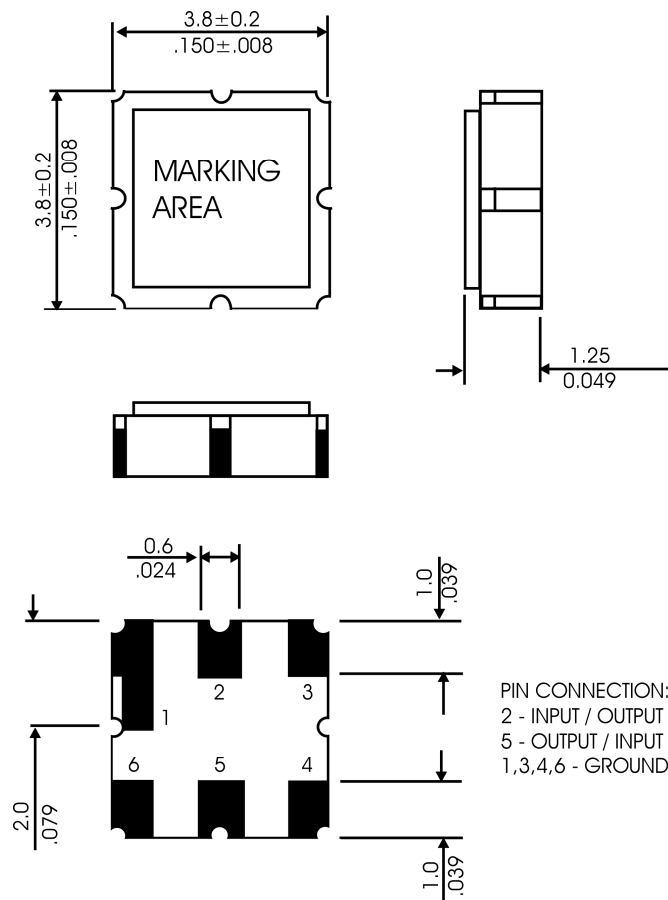


RF SAW BANDPASS FILTER RSF-460.000-20000-3838-TR-NS2

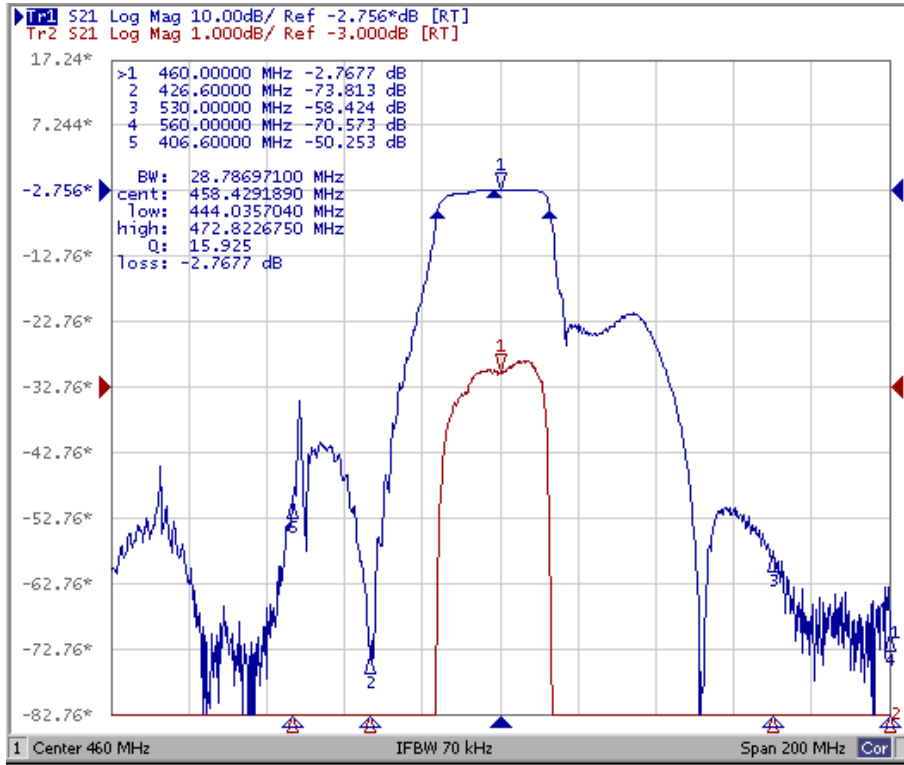
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Items		Specification	Unit
Nominal Frequency (fo)		460.000	MHz
Pass Bandwidth		20000	KHz
Insertion Loss in BW		3.5	dB Max ⇐
Amplitude Ripple in BW		2.0	dB Max ⇐
Return Loss in BW		7	dB min ⇐
Absolute Attenuation	DC ~ 400 MHz	40	dB min
	400 MHz ~ 426 MHz	30	dB min
	530 MHz ~ 1000 MHz	45	dB min
DC Voltage, maximum		10 VDC	⇐
Input Power, maximum		0 dBm	⇐
Terminating Impedance		50Ω	
Operation Temperature		-40°C to +85°C	
Storage Temperature		-40°C to +85°C	⇐

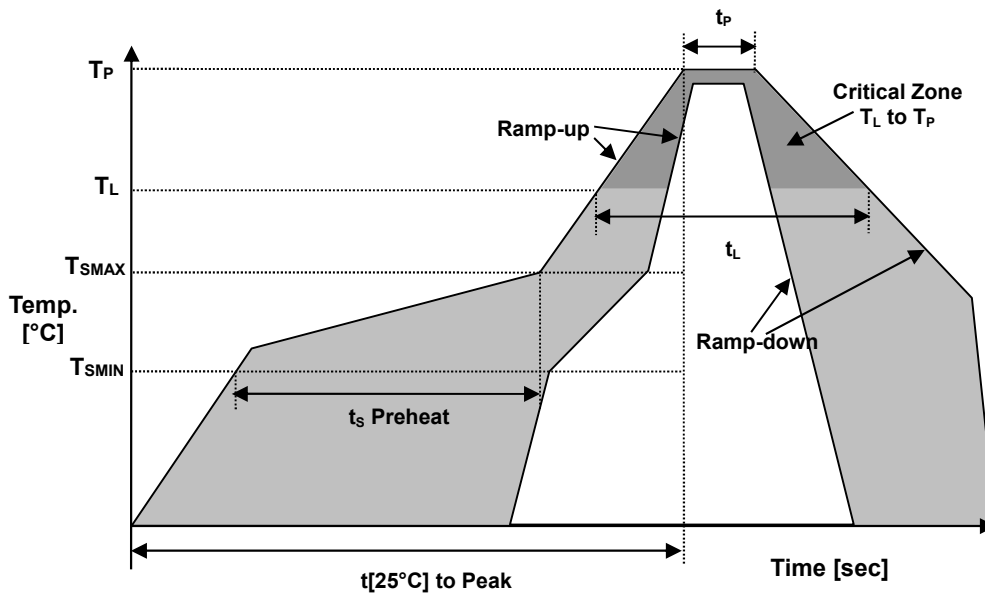
Dimension



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



April 2016