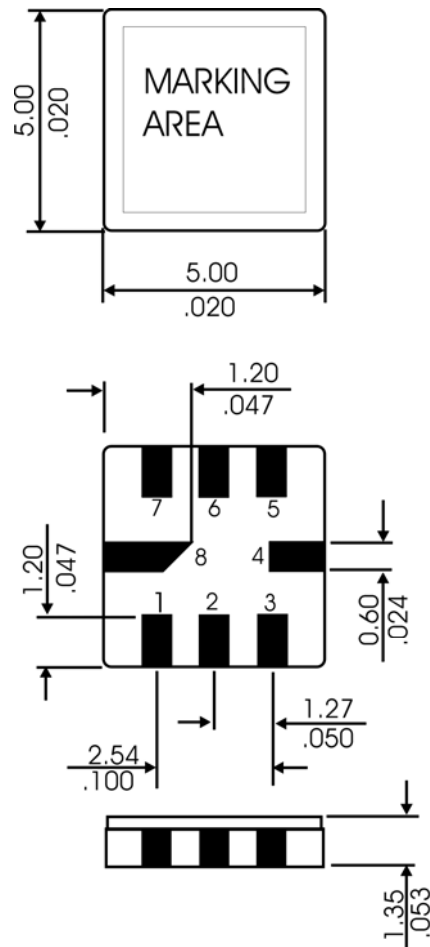


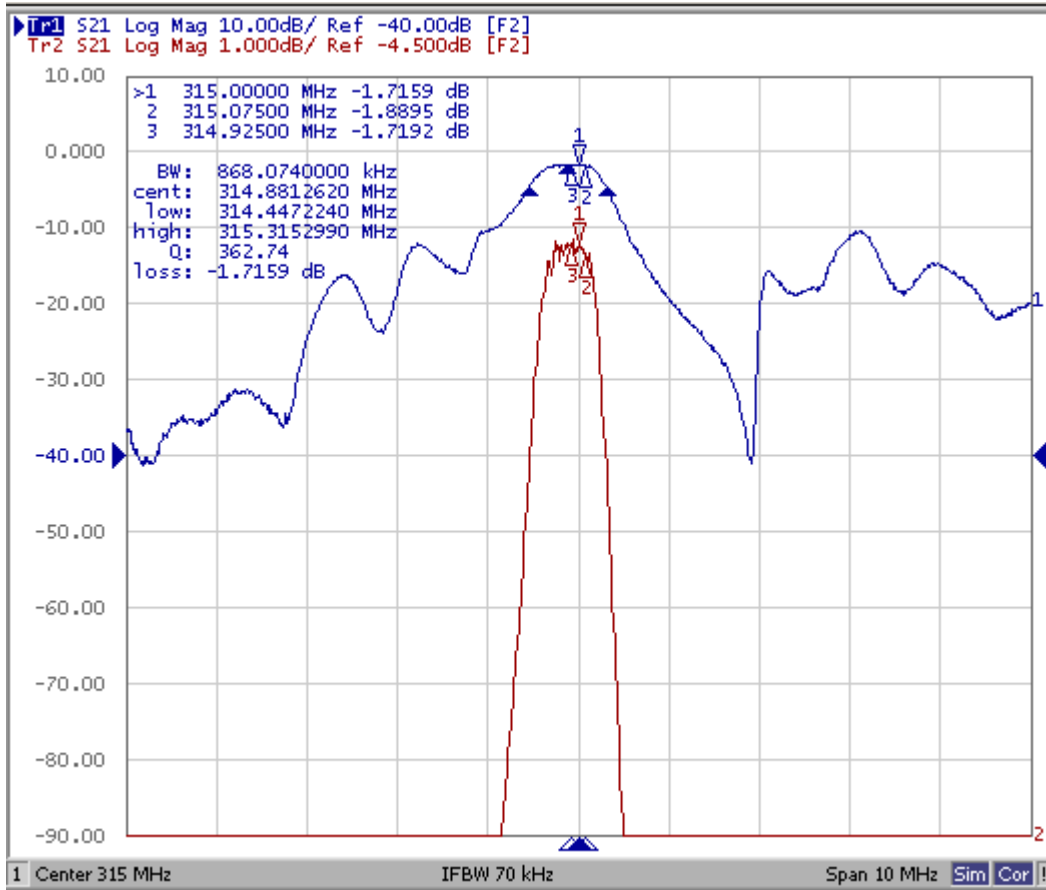
Items		Specification	Unit
Center frequency (Fc)		315.000	MHz
Bandwidth		800	KHz
Insertion Loss, Max		4.5	dB
Passband Ripple in ± 100 KHz, Max		1.0	dB
Rejection	293.6 MHz (Image)	40	dB min
	304.3 MHz (LO)	16	dB min
	Ultimate	80	dB Typical
Temperature Characteristics	Operating Case temp	-35°C to +85°C	
	Tumor temp	22°C to +62°C	
	Freq Temp Coefficient	0.032 ppm/°C	
Frequency Aging, Max		± 10 ppm/year	
In/Out Impedance		50 Ω	
DC Voltage Maximum		30 V	
Incident RF Power Maximum		+13 dBm	
Case Temperature		-40°C to +85°C	
Storage Temperature		-45°C to +85°C	

Dimension

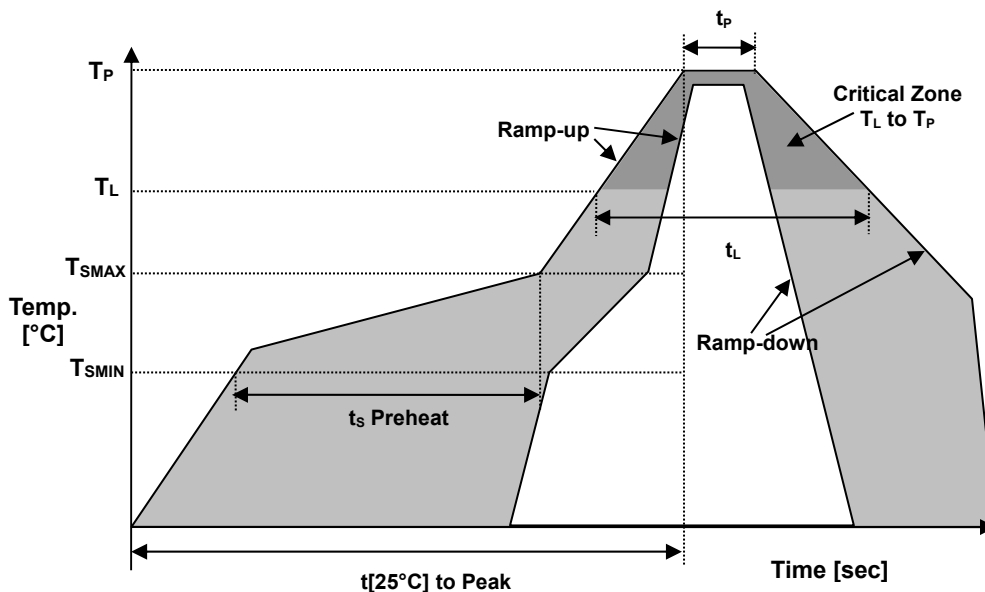


PIN CONNECTION
2 - INPUT / OUTPUT
6 - OUTPUT / INPUT
4,8 - CASE GROUND

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