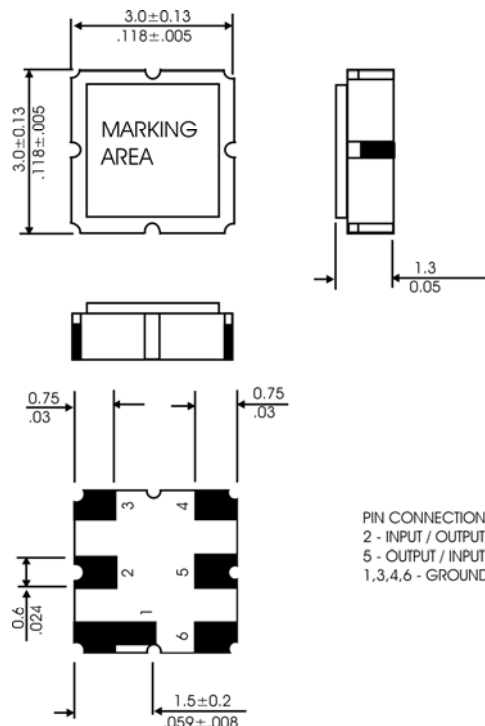
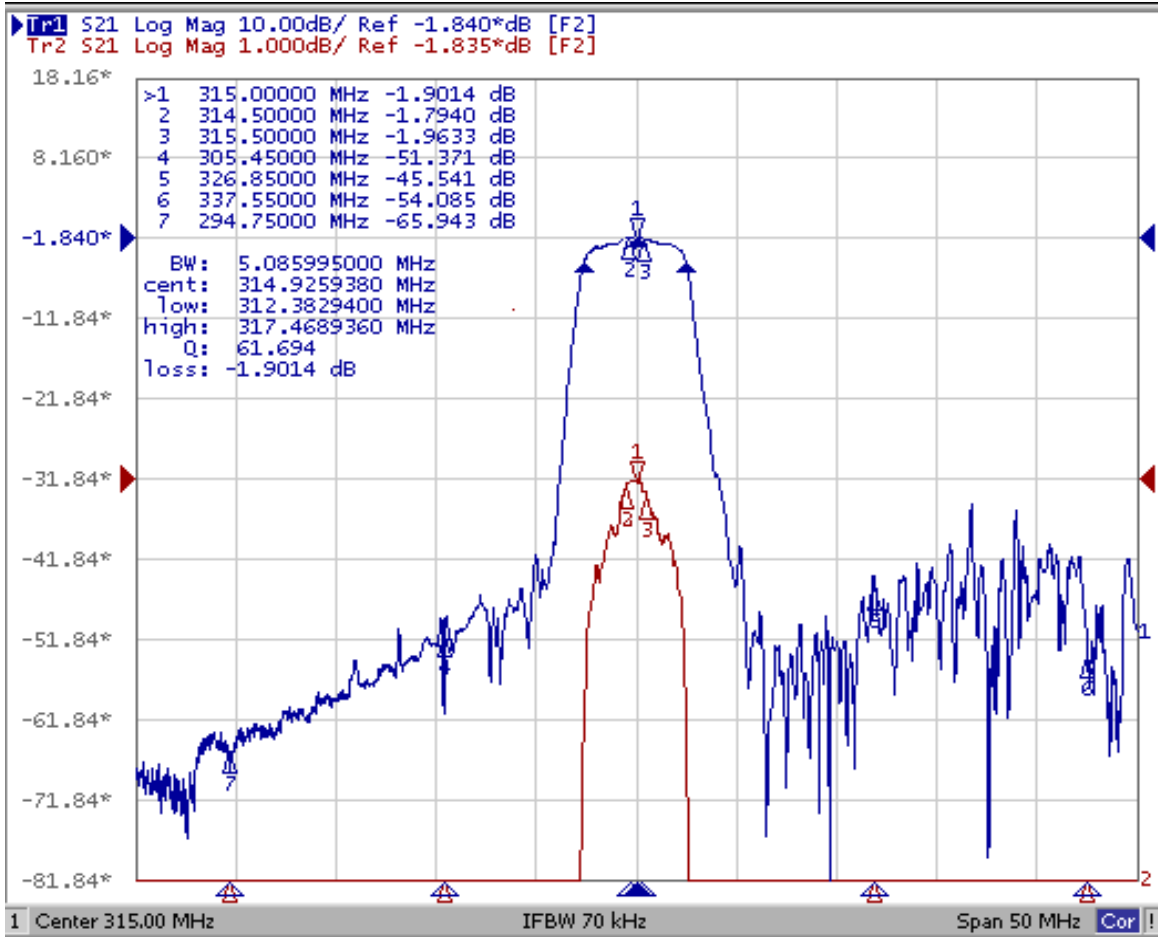


Items		Specification	Unit
Center frequency (Fo)		315.00	MHz
Bandwidth		1000	KHz
Insertion Loss 314.5 to 315.5 MHz	@ 25°C	2.5	dB Max
	@-40°C to +85°C	2.3	dB Max
Amplitude Ripple (Variation)	@ 25°C	1.5	dB Max
	@-40°C to +85°C	1.2	dB Max
Absolute Attenuation	10 MHz ~ 270 MHz	55	dB min
	270 MHz ~290 MHz	50	dB min
	290 MHz ~ 295 MHz	50	dB min
	300 MHz ~ 305 MHz	35	dB min
	325 MHz ~ 330 MHz	27	dB min
	335 MHz ~ 340 MHz	40	dB min
	350 MHz ~ 650 MHz	40	dB min
VSWR (314.5 MHz ~ 315.5 MHz), MAX	@ 25°C	3.0	
	@-40°C to +85°C	2.0	
RF Input Power, Max		15 dBm	
DC Voltage, Max		10 V	
In/Out Impedance		50 Ω	
Operation Temperature		-40°C to +85°C	
Storage Temperature		-40°C to +85°C	

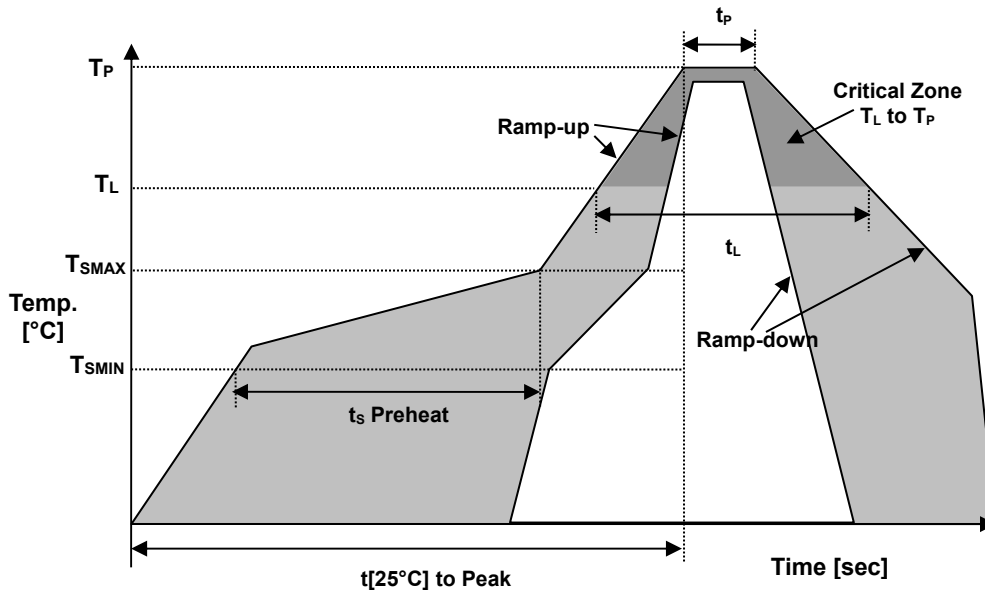
Dimension



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