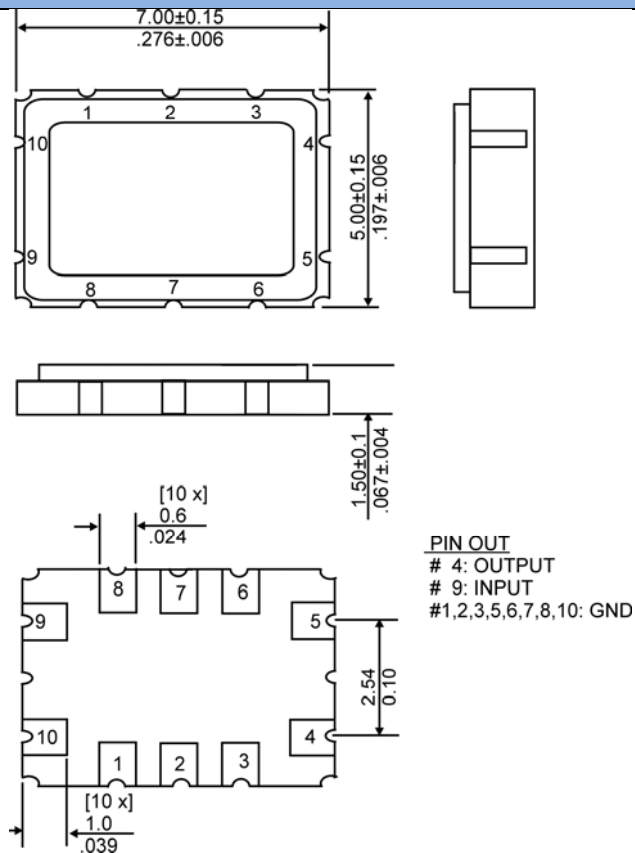


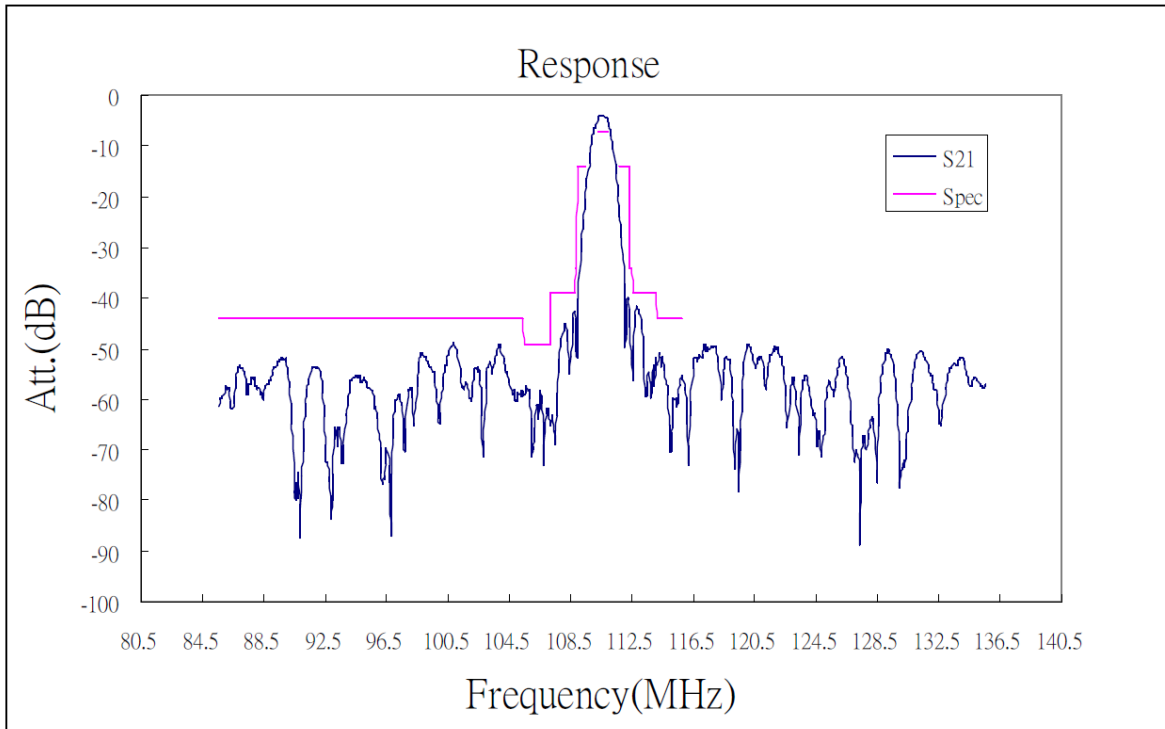
Items	Specification	Unit	
Center frequency (Fo)	110.592	MHz	
Bandwidth	560	kHz	
Insertion Loss in BW, Maximum	5.0	dB	
Passband Ripple in BW, maximum	3.0	dB	
Group Delay Ripple in BW, maximum	700	nsec	
Relative Attenuation	108.864 MHz ~ 112.320 MHz	10	dB min
	107.092 MHz	30	dB min
	108.592 MHz ~ 112.592 MHz	35	dB min
		40	dB min
	107.136 MHz ~	45	dB min
	105.408 MHz	50	dB min
	105.408 MHz ~ 95.592 MHz	40	dB min
In/Out Impedance	50 Ω		
DC Voltage	10 Vdc		
Input Power, maximum	10 dBm		
Operation Temperature	-20°C to +70°C		
Storage Temperature	-40°C to +85°C		

Dimension

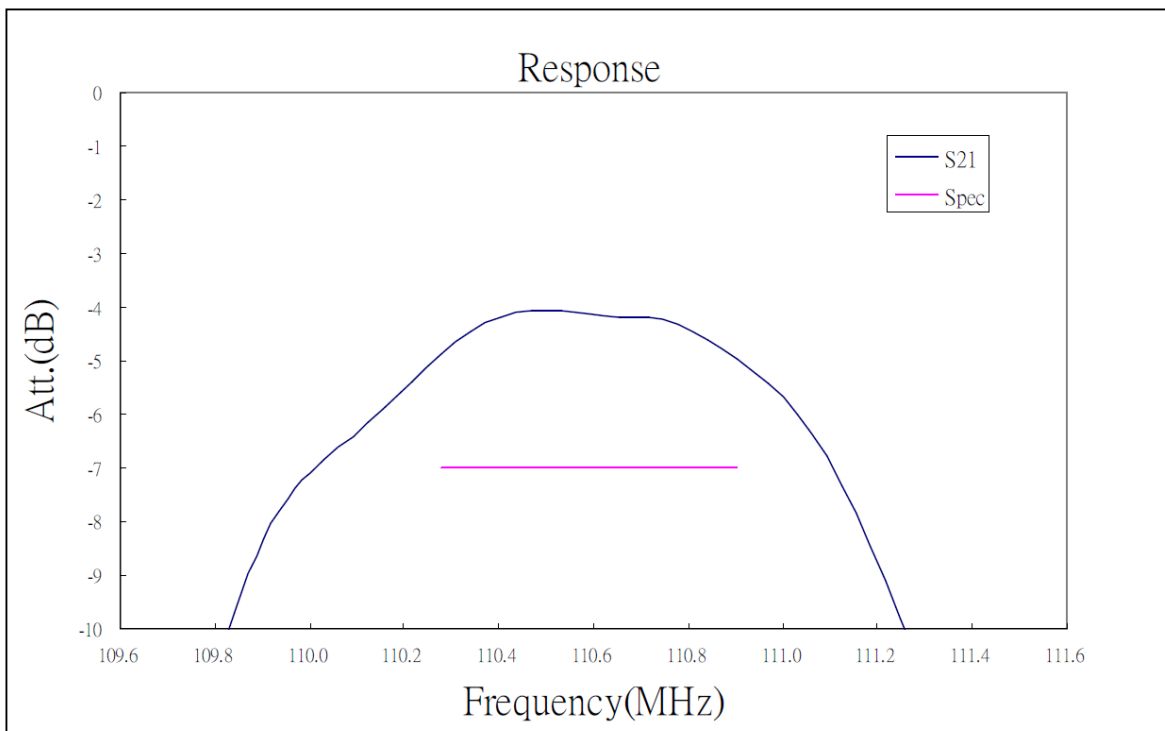


Frequency Characteristics

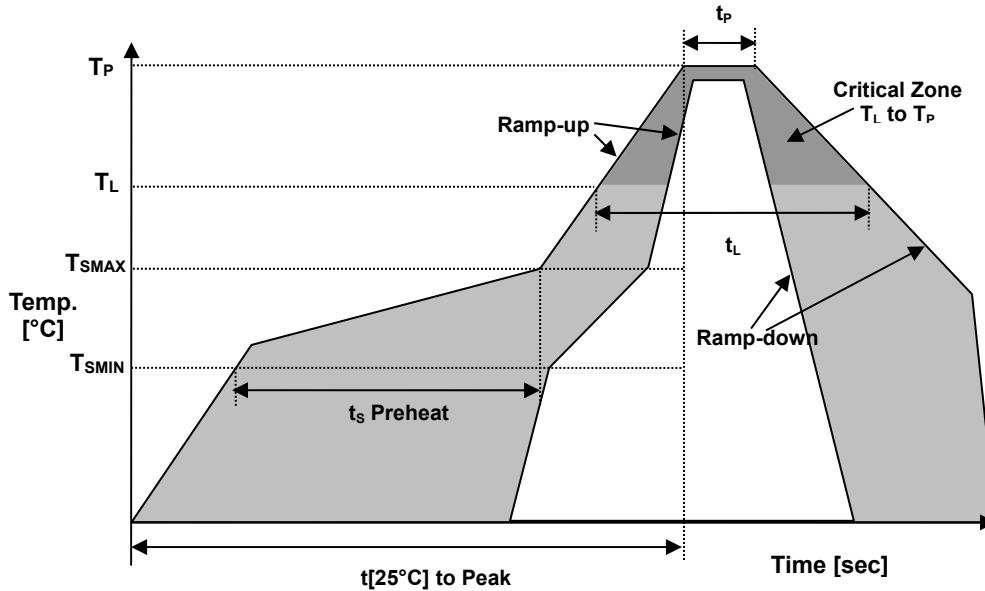
Wide band Response



Narrow band 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
REACH – SVHC	Compliant
RoHS 2	6/6

April 2016