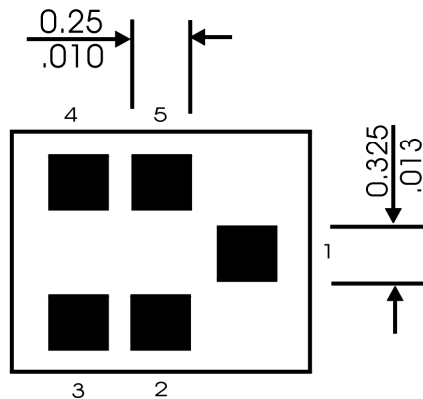
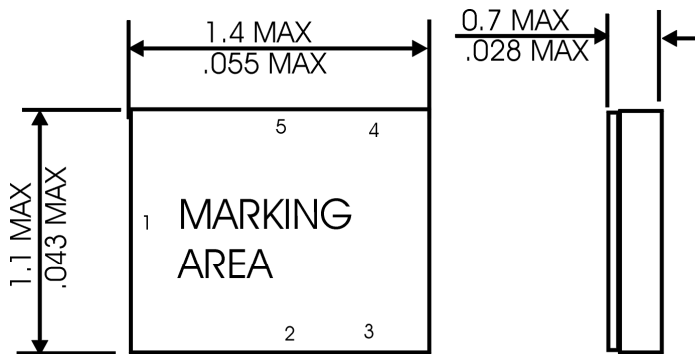


Items		Specification	Unit
Center frequency (Fo)		2140.00	MHz
Bandwidth		60000	kHz
Insertion Loss in BW, Max		4.2	dB
Amplitude Ripple in BW, Max		2.2	dB
Relative Attenuation	1920 MHz ~ 1980 MHz	25	dB min
	2205 MHz ~ 2265 MHz	20	dB min
	2300 MHz ~ 2360 MHz	30	dB min
	2490 MHz ~ 2550 MHz	30	dB min
	2870 MHz ~ 2930 MHz	30	dB min
	4220 MHz ~ 4340 MHz	25	dB min
VSWR, Max		2.6	---
Input Power, Max		10	dBm
DC Voltage, Max		0	V
In/Out Impedance		50	Ω
Operation Temperature		-20 to +75	$^{\circ}\text{C}$
Storage Temperature		-30 to +85	$^{\circ}\text{C}$

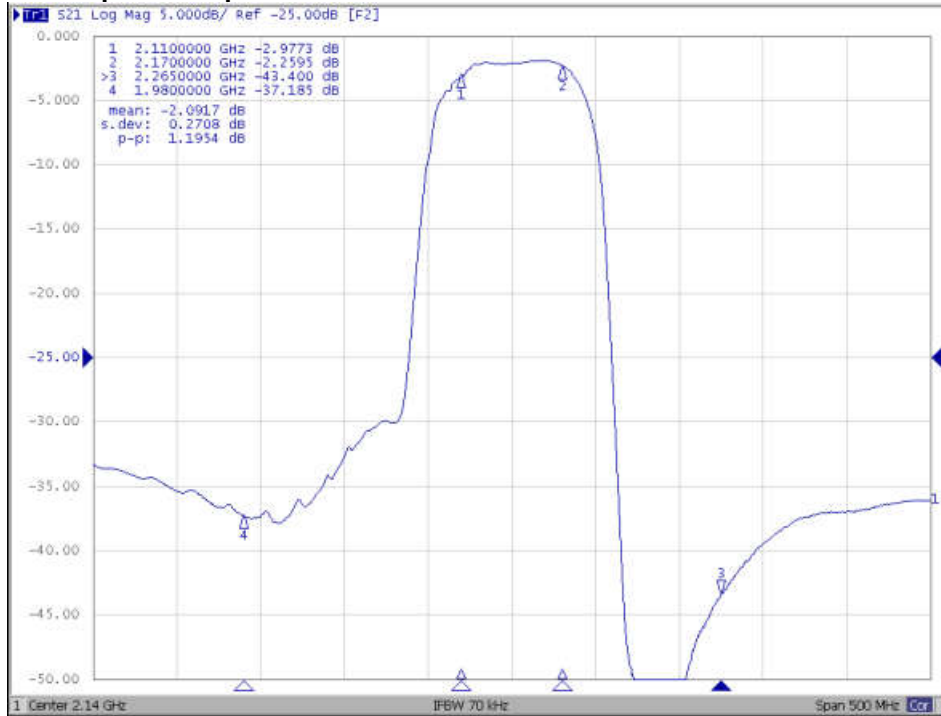
Dimension



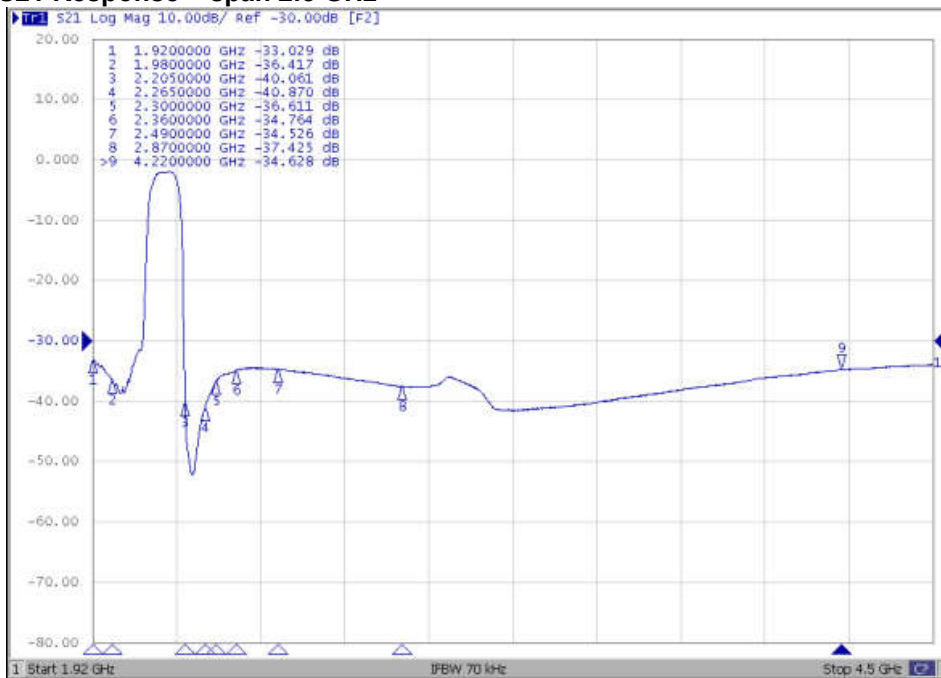
PIN CONNECTION
 1 - TERMINAL 1
 4 - TERMINAL 2
 2,3,5 - CASE GROUND

Frequency Characteristics

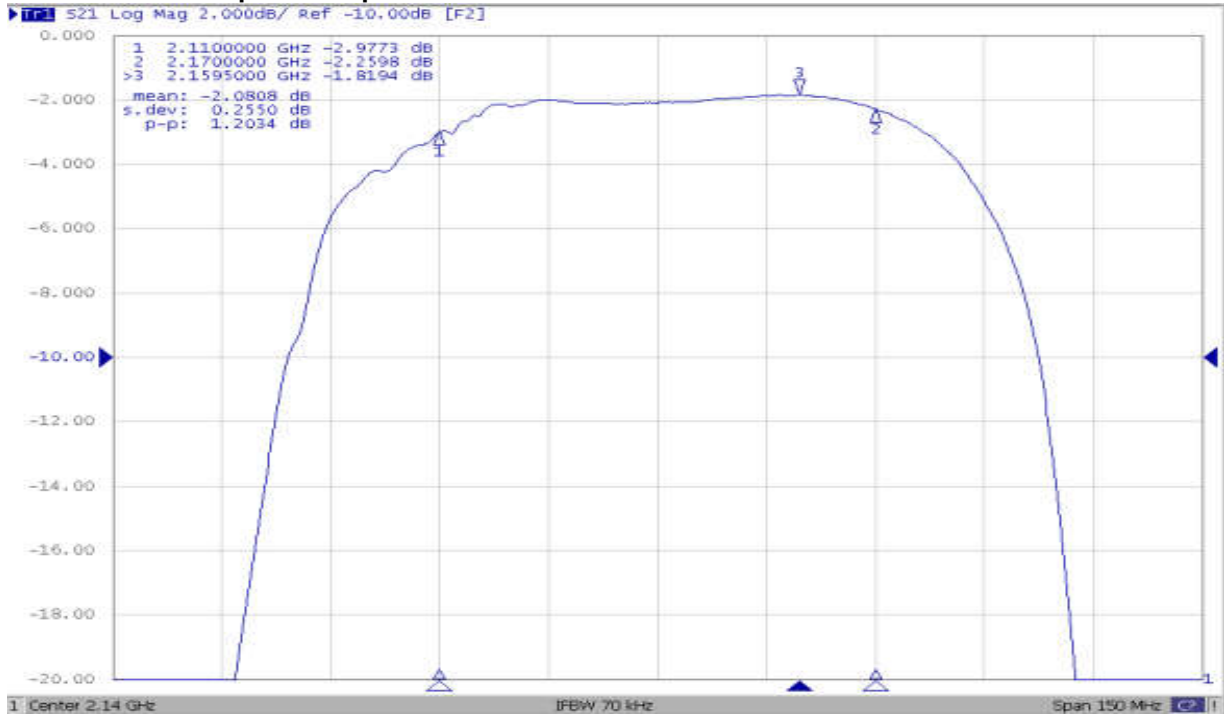
S21 Response – span 500 MHz



S21 Response – span 2.5 GHz



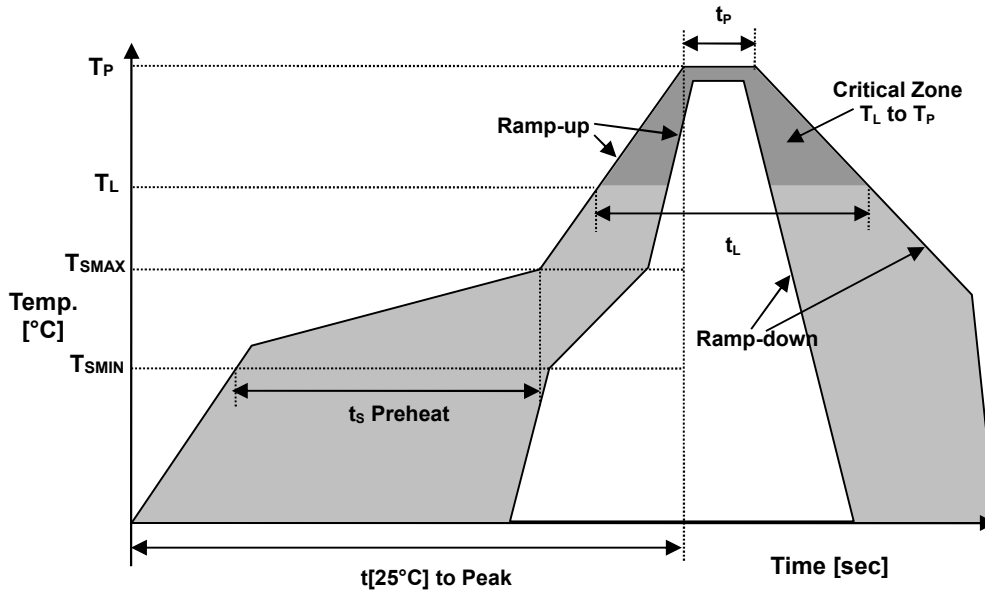
S21 Response – span 150 MHz



S21 VSWR – span 150 MHz



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
REACH – SVHC	Compliant
RoHS 2	6/6

April 2016