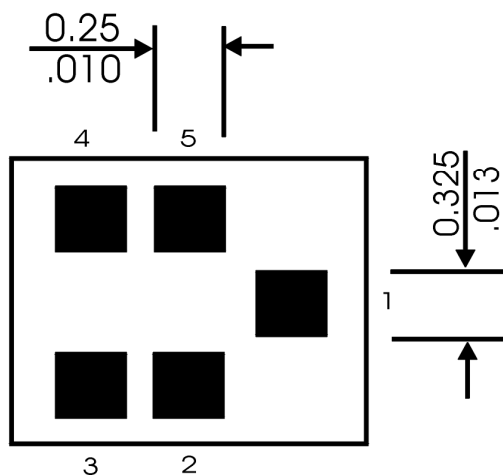
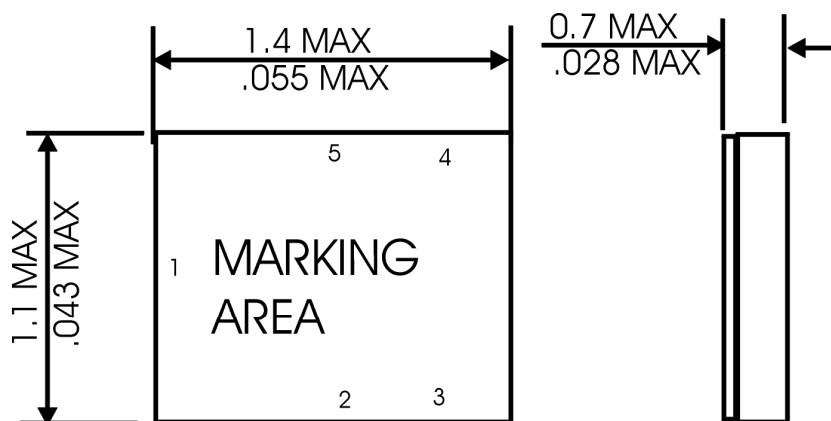


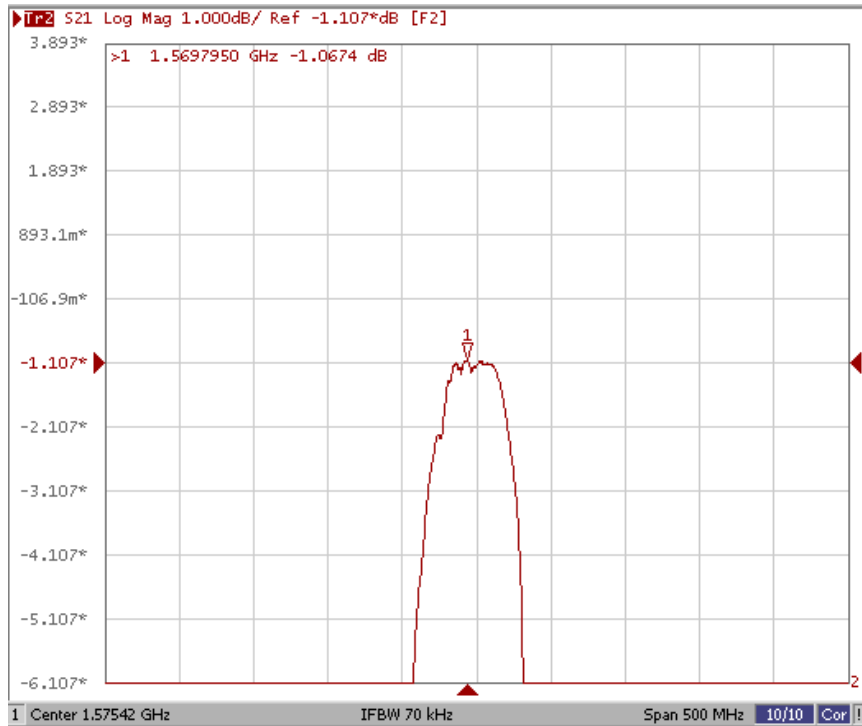
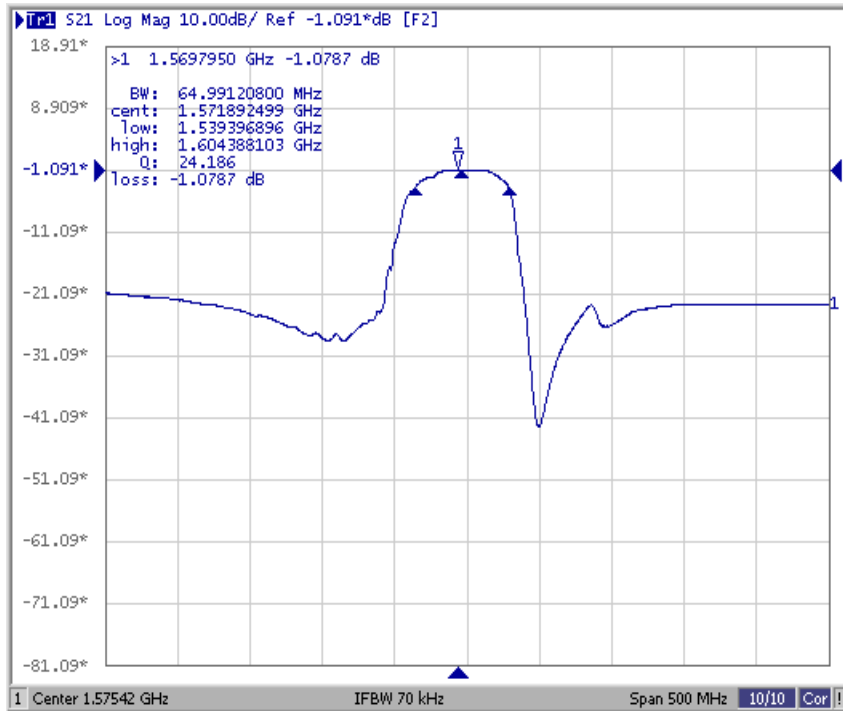
Items	Specification	Unit	
Center frequency (Fo)	1575.420	MHz	
Bandwidth	2000	KHz	
Insertion Loss in BW	1.5	dB Max	
Amplitude Ripple (1574.42~1576.42 MHz)	0.5	dB max	
VSWR, Max	1.6	--	
Relative Attenuation	500 ~ 894 MHz	16	dB min
	894 MHz ~ 1500 MHz	15	dB min
	1650 MHz ~ 4000 MHz	17	dB min
	4000 MHz ~ 6000 MHz	15	dB min
Input Power	10 dBm Max		
DC Voltage	3 V Max		
In/Out Impedance	50 Ω		
Operation Temperature	-40°C to +85°C		
Storage Temperature	-40°C to +85°C		

### Dimension

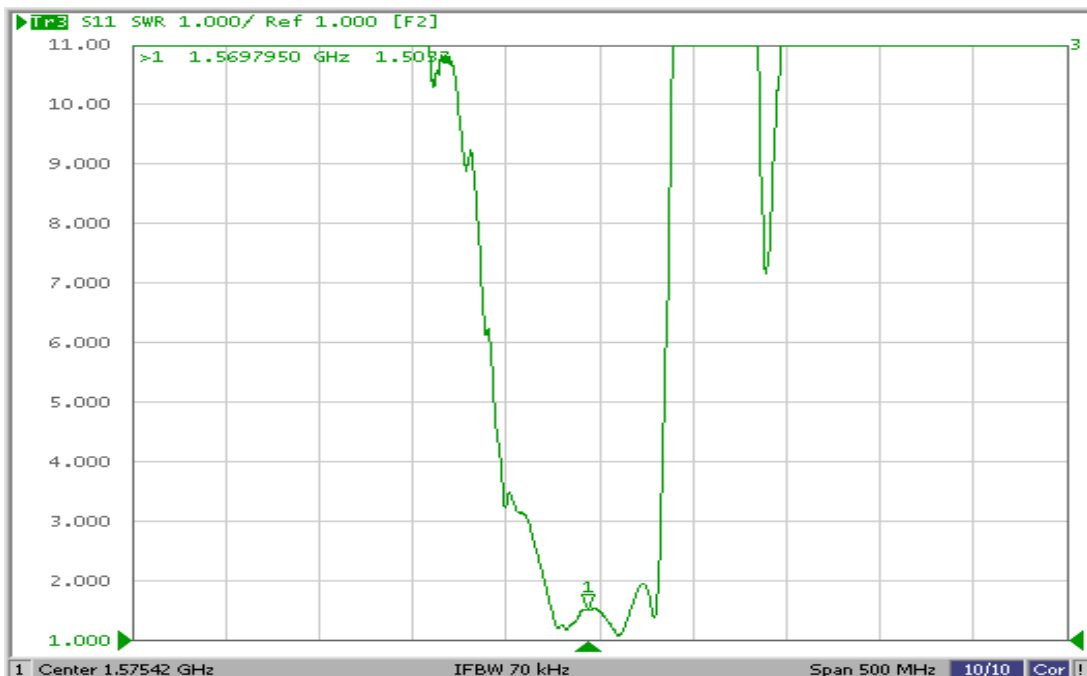
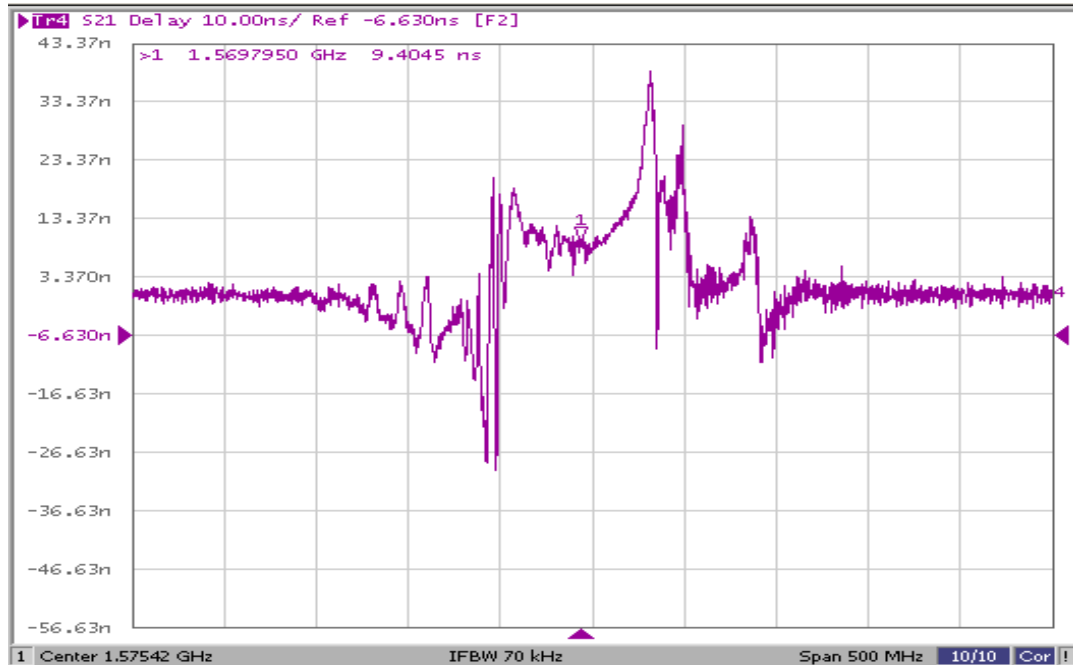


PIN CONNECTION  
 1 - TERMINAL 1  
 4 - TERMINAL 2  
 2,3,5 - CASE GROUND

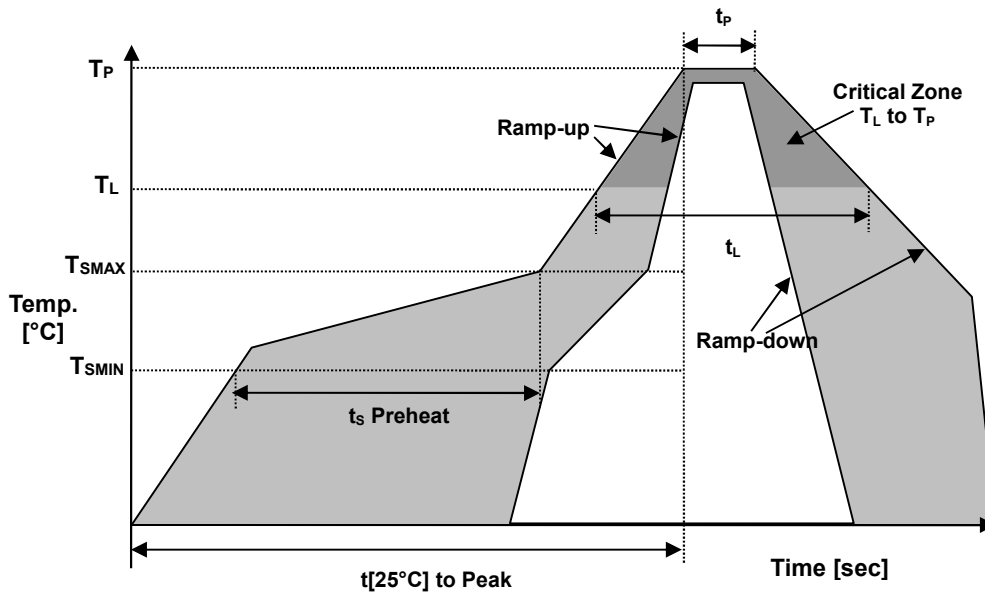
**Frequency Characteristics**



### Frequency Characteristics (continued)



### 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