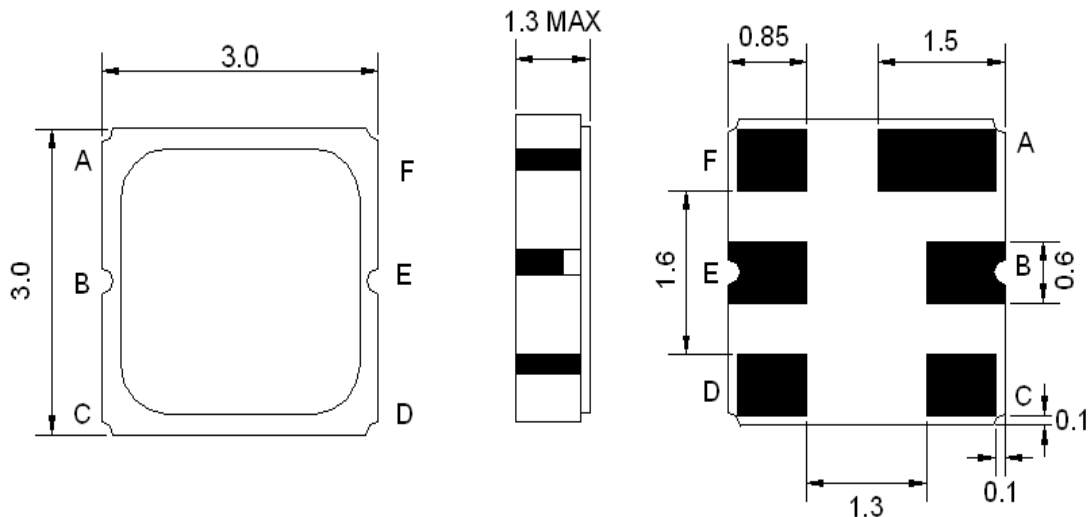


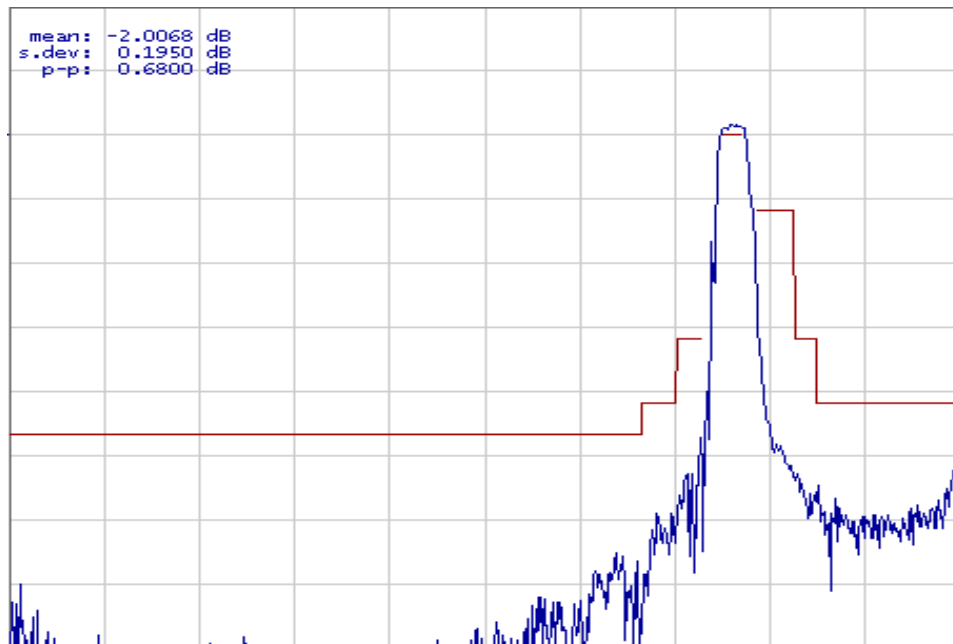
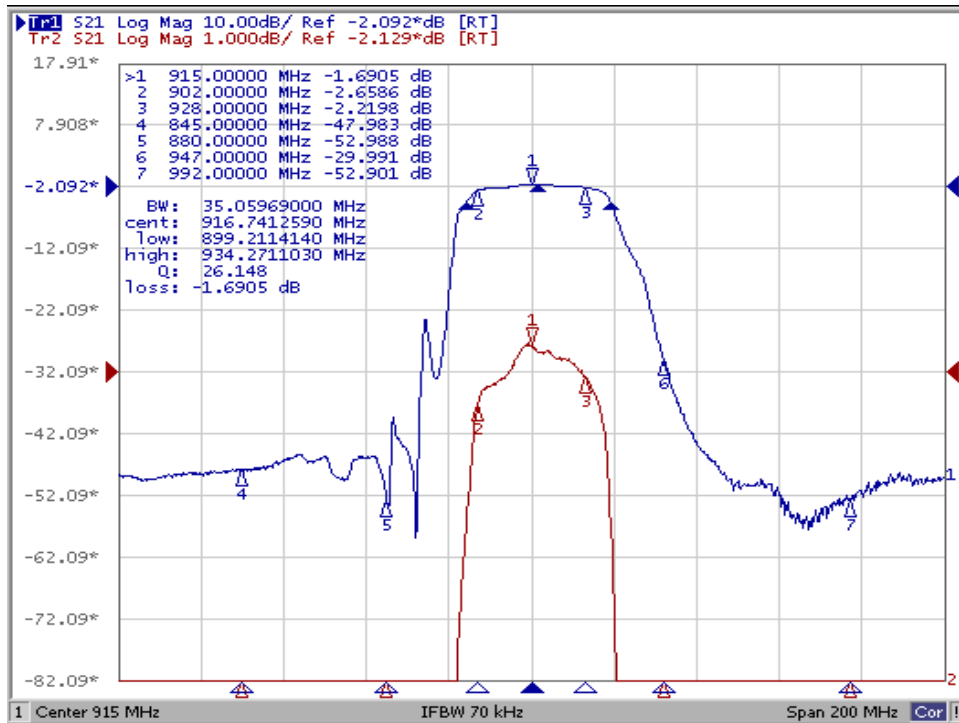
Items	Specification	Unit
Center frequency(Fo)	915.000	MHz
Bandwidth	6000	kHz
Insertion Loss in BW	3.5	dB max
Amplitude Ripple in BW	1.8	dB max
Attenuation	10 MHz ~ 800 MHz	45
	800 MHz ~ 845 MHz	40
	845 MHz ~ 880 MHz	33
	947 MHz ~ 992 MHz	25
	992 MHz ~ 1020 MHz	35
	1020 MHz ~ 1200 MHz	45
In/Out Impedance	50 Ω	
Input power, Maximum	15 dBm	
DC Voltage, Maximum	5 V	
Operation Temperature	-40°C to +85°C	
Storage Temperature	-40°C to +85°C	

Dimension

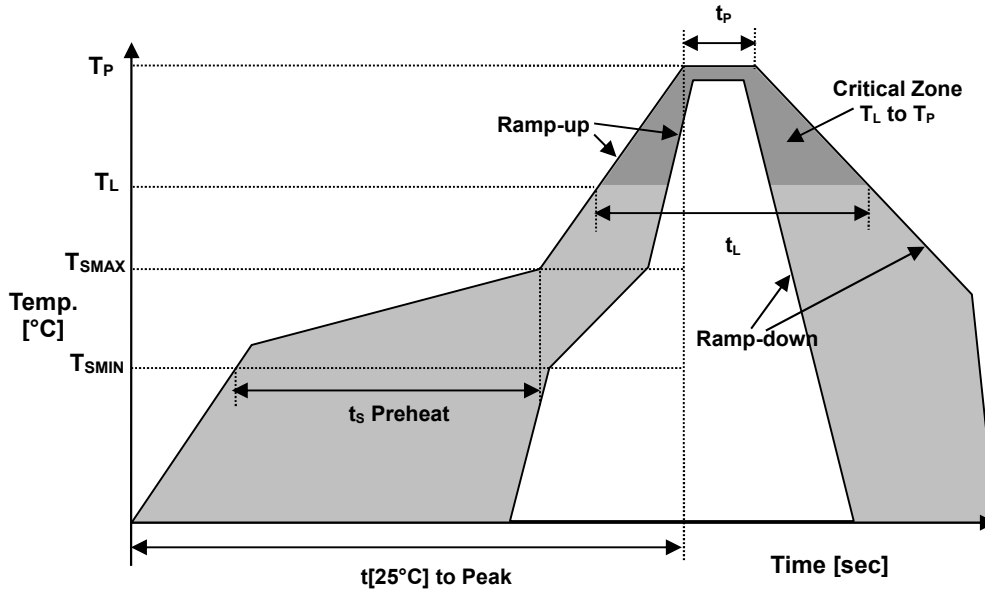


Pin Description	
A, C, D, F	Ground
E	In
B	Out

Frequency Characteristics



● **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