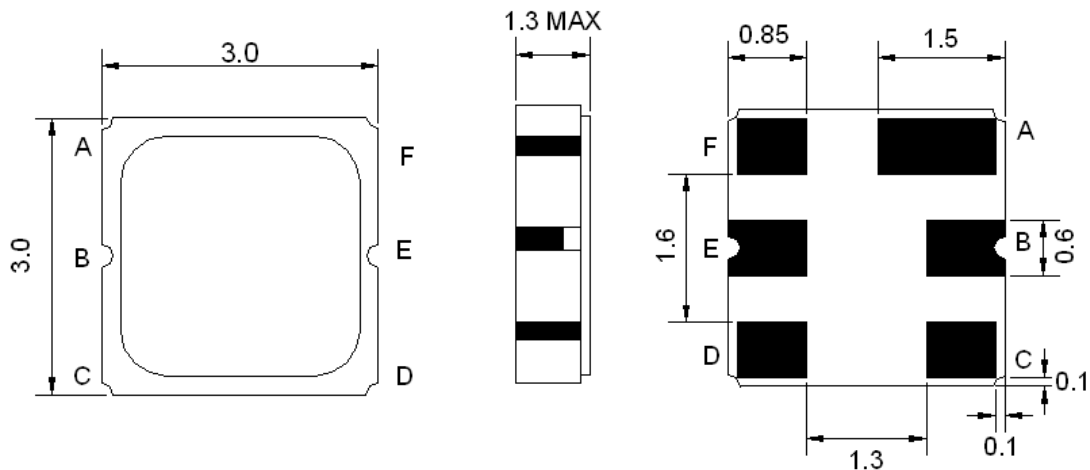


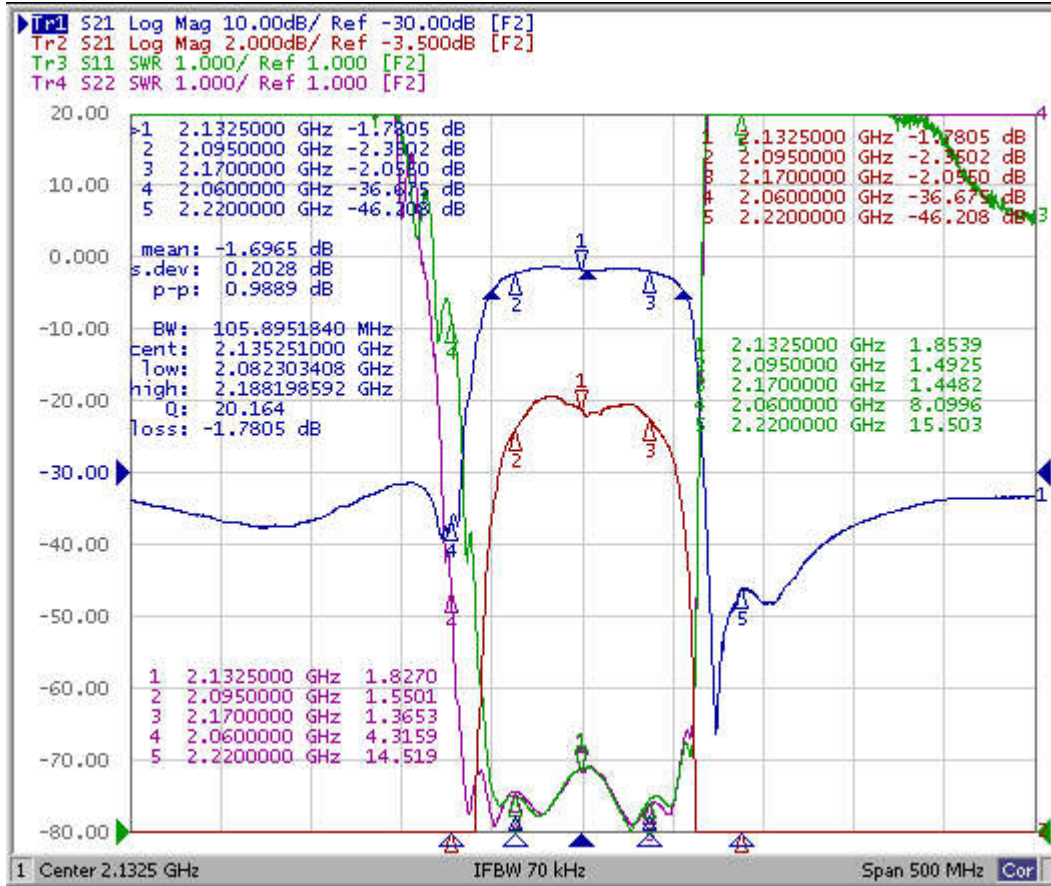
Parameters	Specification	Unit
Center frequency(Fo)	2140.000	MHz
Bandwidth (Bw)	60000	kHz
Insertion loss in Bw, typ/max	2.0 / 2.8	dB
Amplitude Ripple in Bw, typ/max	0.6 / 1.5	dB
VSWR in Bw, typ/max	1.7 / 2.0	-
Attenuation min/typ	DC ~ 1920 MHz	-20 / -30
	1920 MHz ~ 1980 MHz	-30 / -35
	1980 MHz ~ 2050 MHz	-25 / -30
	2230 MHz ~ 2260 MHz	-30 / -35
	2490 MHz ~ 2550 MHz	-25 / -30
In/Out Impedance	50	$\Omega$
DC Voltage, max	10	V
Input Power, max	10	dBm
Operating Temperature Range	-40 to +85	$^{\circ}\text{C}$
Storage Temperature	-40 to +85	$^{\circ}\text{C}$

### Dimension

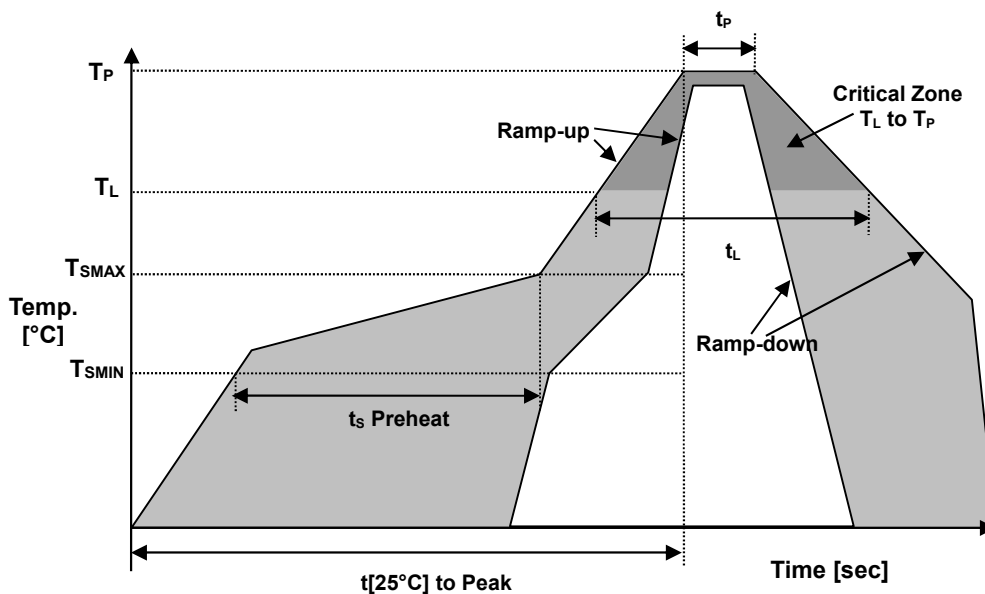


Pin Description	
A, C, D, F	Ground
B	In
E	Out

### 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°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