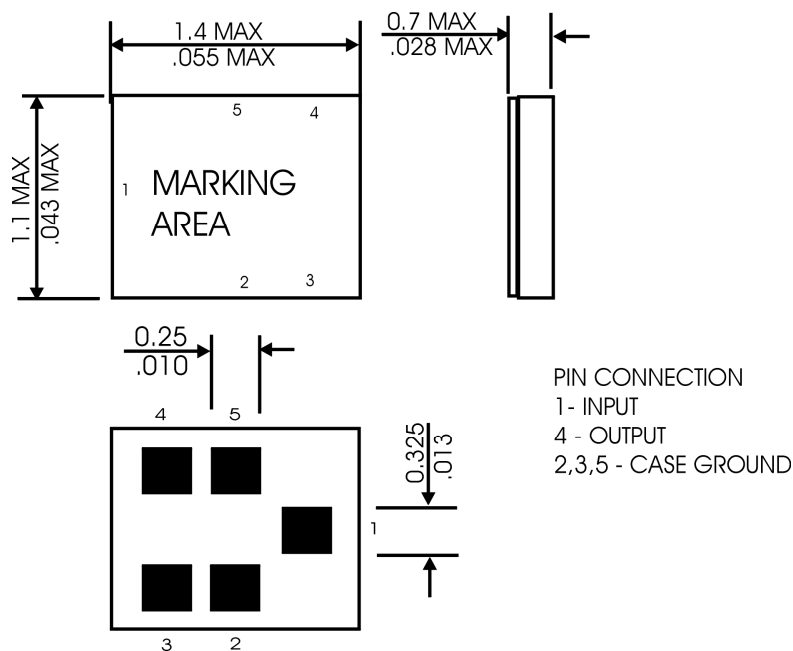


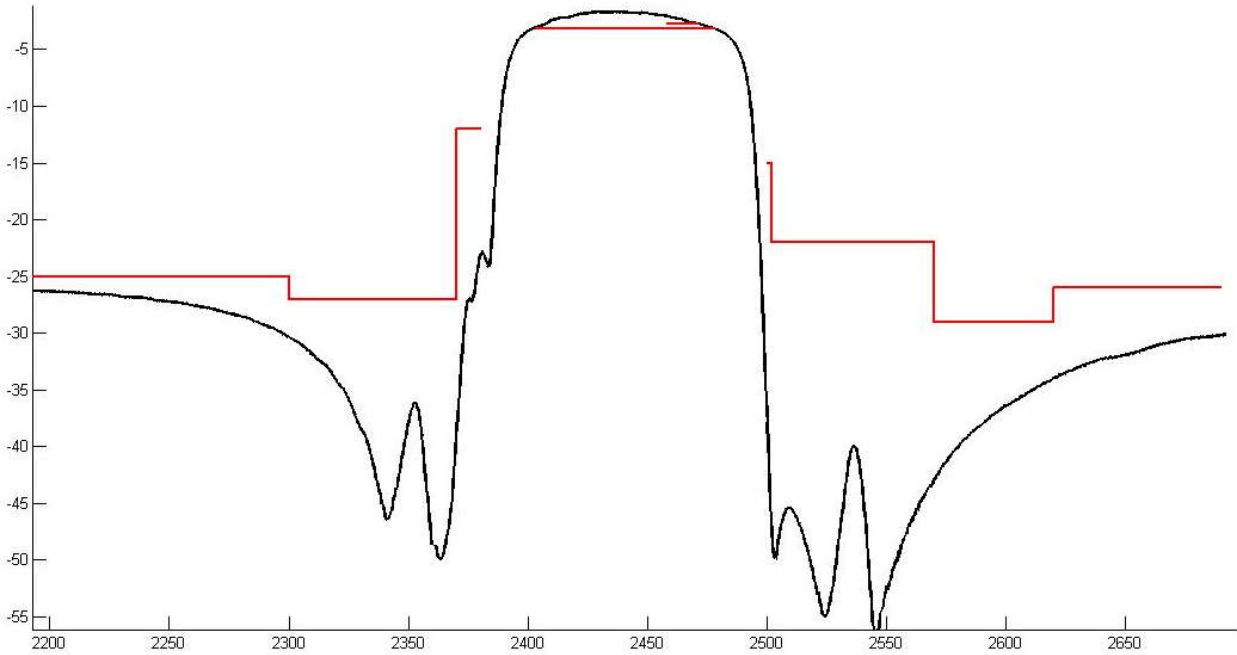
Items		Specification	Unit
Center frequency (F <sub>0</sub> )		2442.000	MHz
Insertion Loss, typ/max	2442	1.5 / 1.8	dB
	2403 ~ 2471 MHz	2.8 / 3.2	dB
	2458 ~ 2476 MHz	2.3 / 2.8	dB
	2463 ~ 2481 MHz	2.8 / 3.2	dB
Amplitude Ripple within 2403~ 2481MHz , typ/max		1.5 / 2.0	dB <sub>P-P</sub>
VSWR within 2403~ 2481MHz , typ/max		1.7 / 2.2	-
Attenuation, min/typ	800 ~ 2300 MHz	-25 / -27	dB
	2300 ~ 2370 MHz	-27 / -30	dB
	2370 ~ 2380 MHz	-12 / -28	dB
	2500 ~ 2502 MHz	-15 / -30	dB
	2502 ~ 2570 MHz	-22 / -40	dB
	2570 ~ 2620 MHz	-29 / -34	dB
	2620 ~ 2690 MHz	-26 / -31	dB
	2690 ~ 4000 MHz	-20 / -	dB
	4000 ~ 5000 MHz	-20 / -	dB
Input Power, max		+24	dBm
Operating Temperature Range		-30 to +85	°C
Storage Temperature Range		-30 to +85	°C
Source Impedance (single ended)		50	Ω
Load Impedance (single ended)		50 // 8.2	Ω // nH

**Dimensions**

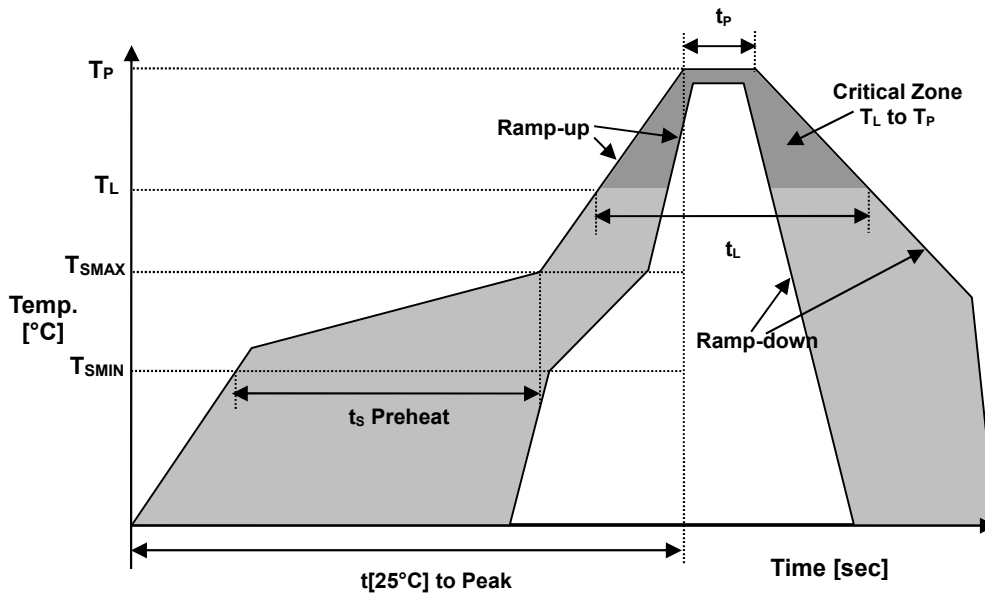


**Frequency Characteristics**

**Frequency 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