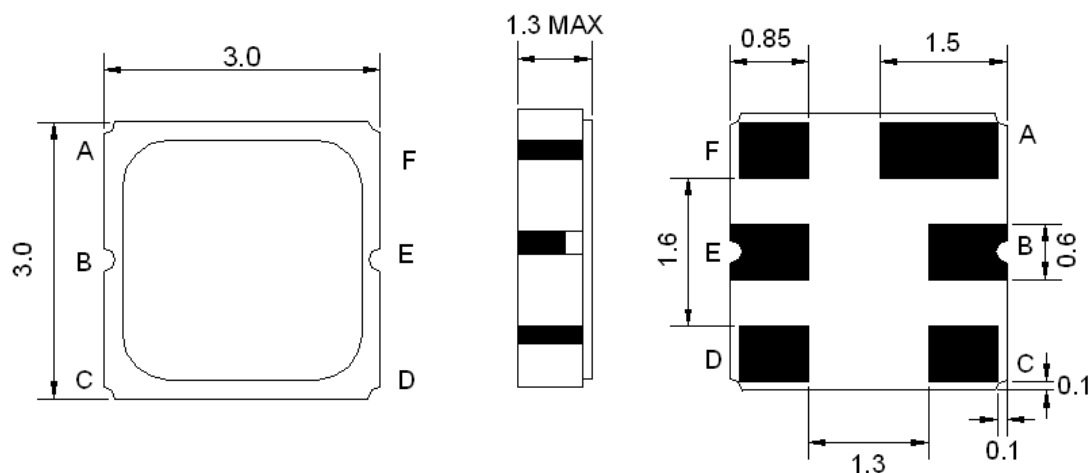


Parameters		Specification	Unit
Center frequency(Fo)		707.000	MHz
Bandwidth (Bw)		18000	kHz
Insertion Loss (in 698~716MHz) , typ/max		1.9 / 3.0	dB
Amplitude Ripple (in 698~716MHz), typ/max		0.6 / 1.1	dB
Return Loss (in 698~716MHz), min/typ		10 / 15	-
Attenuation min/typ	DC ~ 620 MHz	-30 / -50	dB
	722 MHz	-13 / -24	dB
	728 ~ 757 MHz	-35 / -45	dB
	777 MHz ~ 787 MHz	-35 / -55	dB
	800 MHz ~ 1000 MHz	-35 / -50	dB
	1000 MHz ~ 3000 MHz	-10 / -	dB
In/Out Impedance		50	$\Omega$
Input Power, max		10	dBm
Operating Temperature Range		-40 to +85	$^{\circ}\text{C}$
Storage Temperature		-40 to +85	$^{\circ}\text{C}$

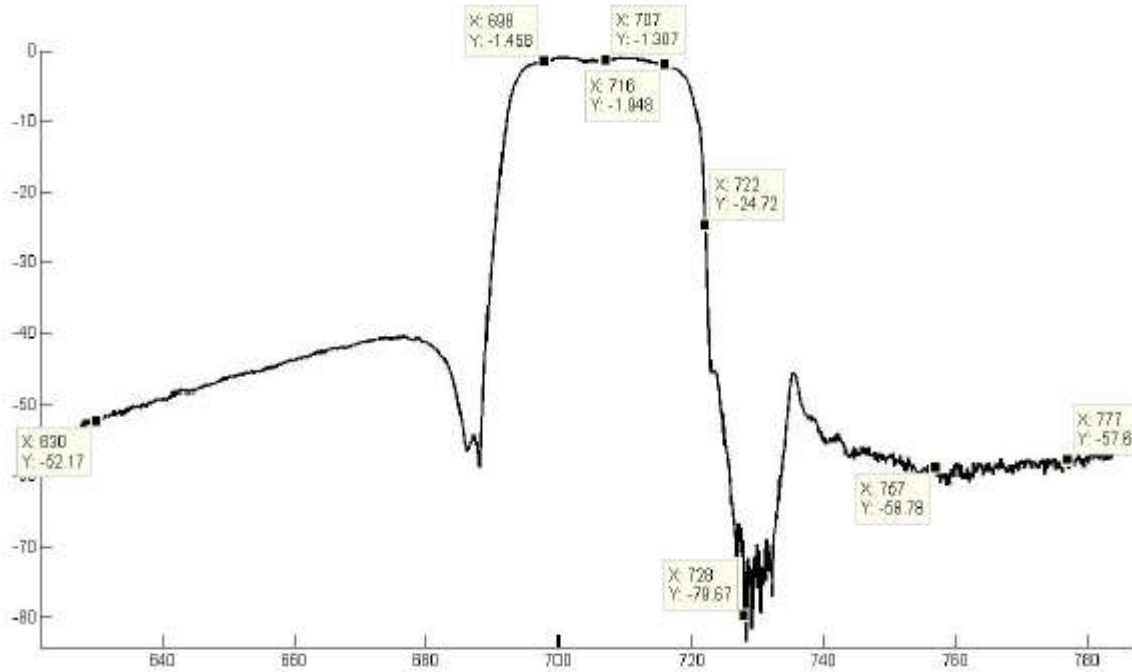
Note: Specification at T=25 $^{\circ}\text{C}$

### Dimension

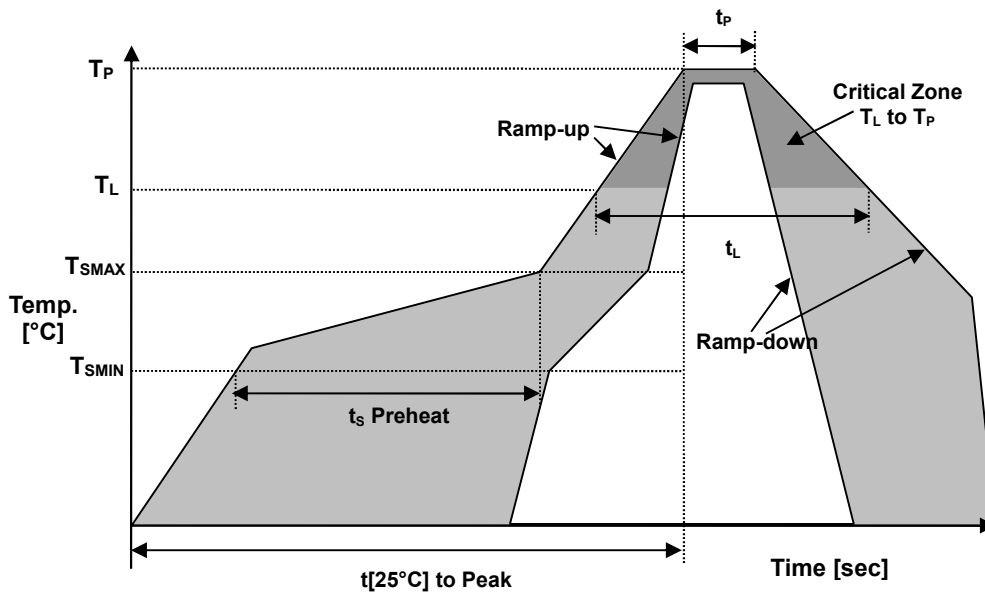


Pin Description	
A, C, D, F	Ground
B	In
E	Out

### 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 $t[25^\circ\text{C}]$ 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