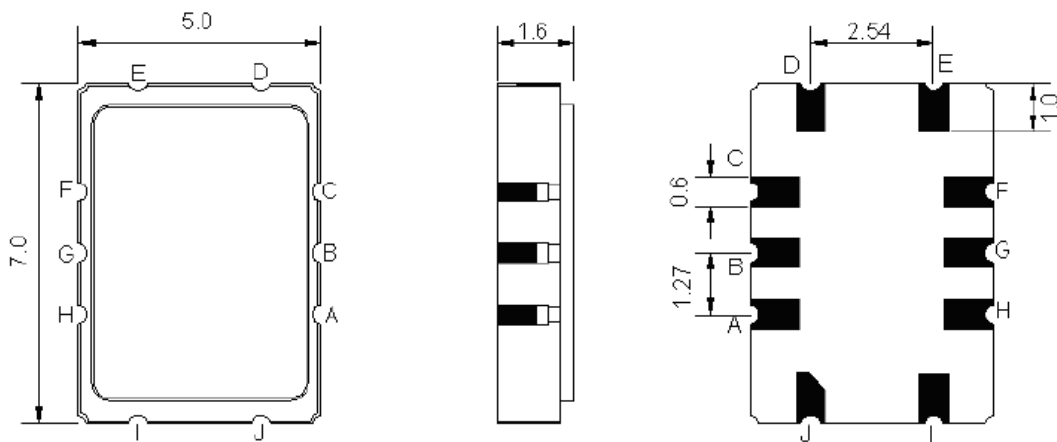


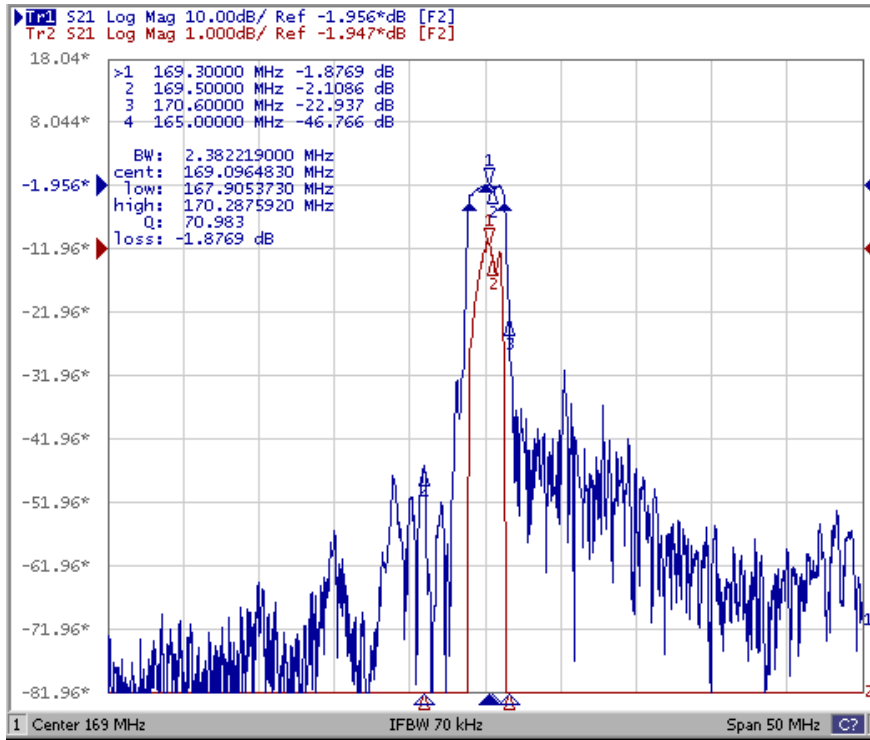
Items	Specification	Unit	
Center frequency(Fo)	169.400	MHz	
Bandwidth	200	KHz	
Insertion Loss in BW	3.0	dB max	
3dB Bandwidth, typical	2.38	MHz	
Attenuation	DC ~ 165 MHz	40	dB min
	165 ~ 167.4 MHz	20	dB min
	171.4 ~ 179.4 MHz	20	dB min
	179.4 ~ 1500 MHz	38	dB min
In/Out Impedance	50 Ω		
Input power Maximum	10 dBm		
DC Maximum Voltage	10 VDC		
Operation Temperature	-40°C to +85°C		
Storage Temperature	-45°C to +85°C		

**Dimension**

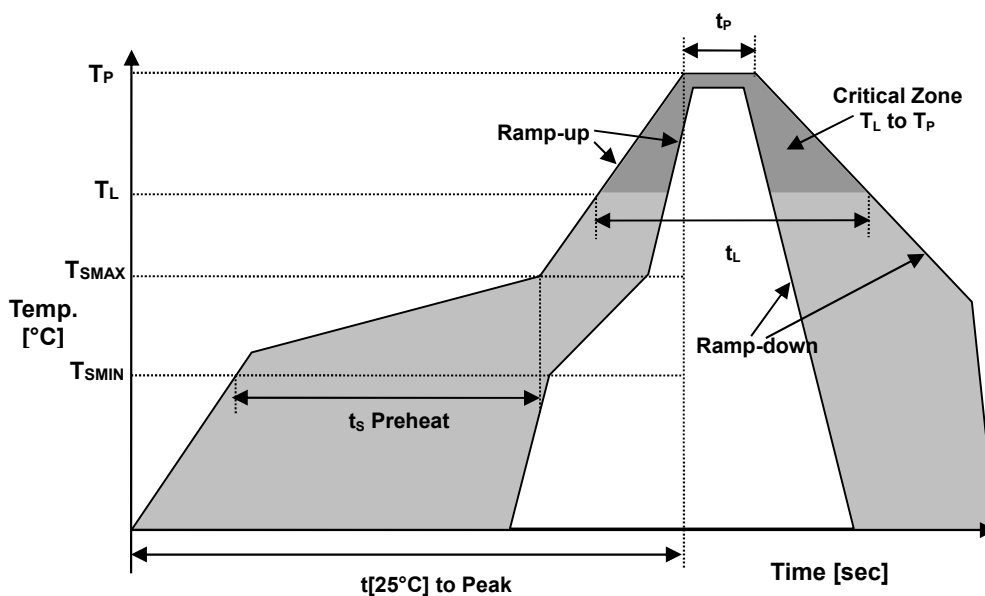


Pin Description	
A,B,C,F,G,H	Ground
I	Input
J	Ground
D	Output
E	Ground

**Frequency Characteristics**



● **REFLOW PROFILE**



Reflow profile		
Temperature Min Preheat	T <sub>SMIN</sub>	150°C
Temperature Max Preheat	T <sub>SMAX</sub>	200°C
Time (T <sub>SMIN</sub> to T <sub>SMAX</sub> )	t <sub>S</sub>	60-180 sec.
Temperature	T <sub>L</sub>	217°C
Peak Temperature	T <sub>P</sub>	260°C
Ramp-up rate	R <sub>UP</sub>	3°C/sec max.
Ramp-down rate	R <sub>DOWN</sub>	6°C/sec max.
Time within 5°C of Peak Temperature	t <sub>P</sub>	10 sec.
Time t[25°C] to Peak Temperature	t[25°C] to Peak	480 sec.
Time	t <sub>L</sub>	60-150 sec.

## Environmental

PARAMETER	VALUE
MOISTURE SENSITIVITY LEVEL	1
REACH – SVHC	Compliant
RoHS 2	6/6

April 2016