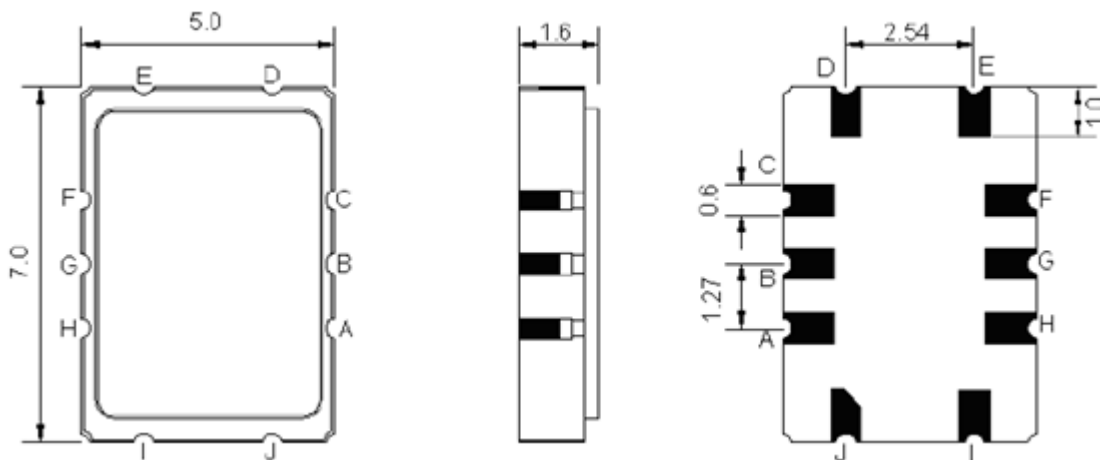


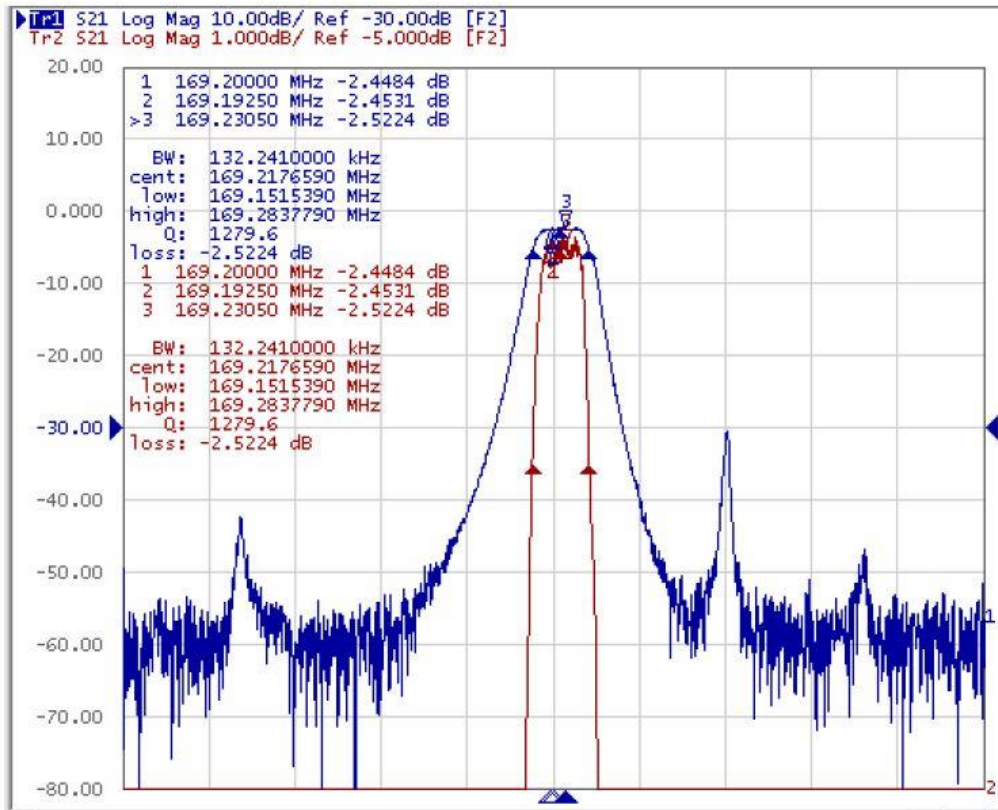
Items	Specification	Unit
Center frequency(F_0)	169.200	MHz
Bandwidth @-3dB, typ	128	kHz
Bandwidth @-10dB, typ/max	183 / 200	kHz
Insertion Loss (within $F_0-7.5\sim F_0+30.4$ kHz) typ / max	2.6 / 3.6	dB
Ripple in Pass Band (within $F_0-7.5\sim F_0+30.4$ kHz) typ/max	0.6 / 1.0	dB
Attenuation	159.200 ~ 168.280 MHz, min/typ	-50 / -54
	170.120 ~ 183.075 MHz, min/typ	-45 / -52
Aging, max	± 10	ppm/year
Input power, max	20	dBm
DC Voltage, max	10	V
Operating Temperature	-40 to +85	$^{\circ}\text{C}$
Storage Temperature	-40 to +85	$^{\circ}\text{C}$

Dimension

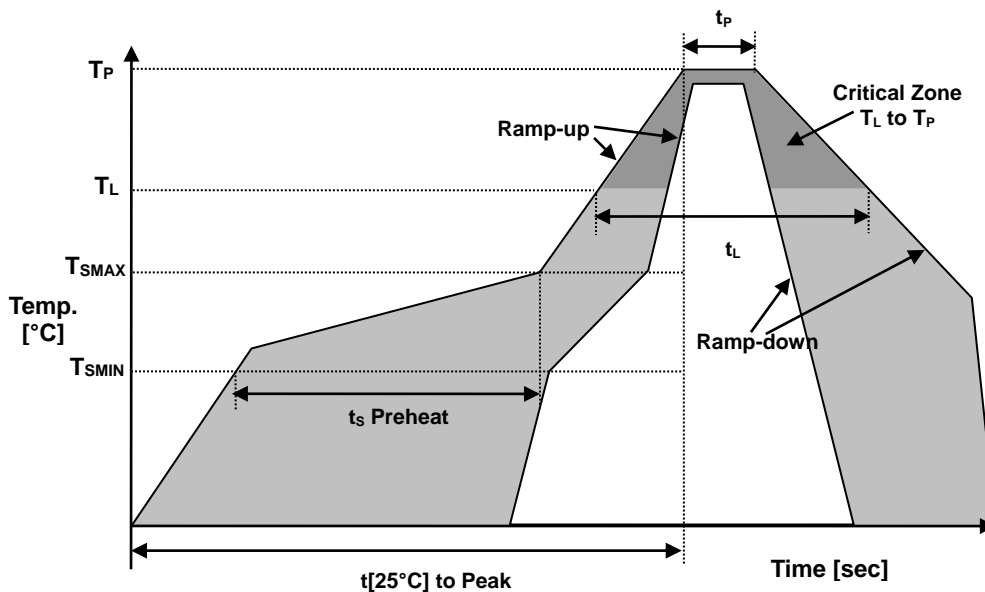


Pin Description	
A,B,C,F,G,H	Ground
I	Ground
J	Input
D	Ground
E	Output

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
RoHS-2	6/6 COMPLIANT & LEAD FREE
REACH SVHC	COMPLIANT
HALOGEN-FREE	COMPLIANT
ESD CLASSIFICATION LEVEL	N/A
TERMINATION FINISH	Au



April 2016