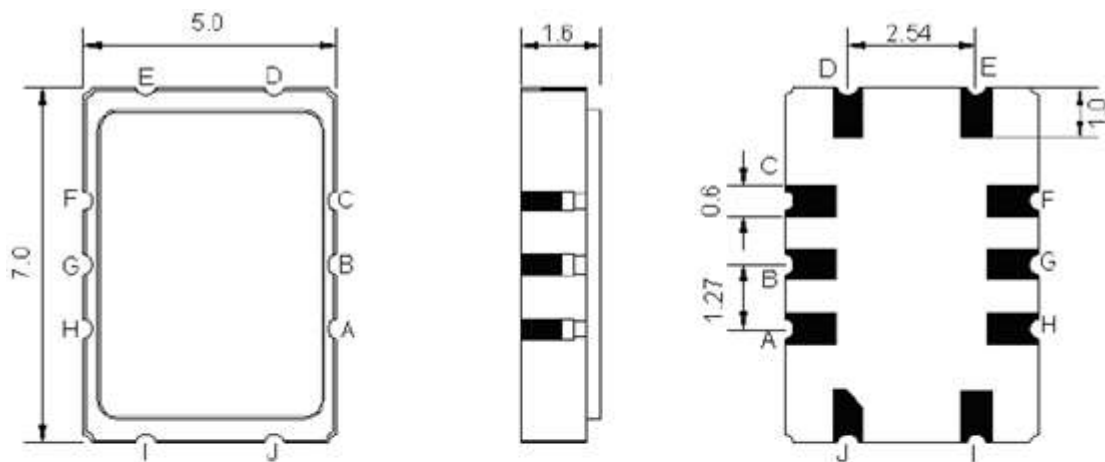


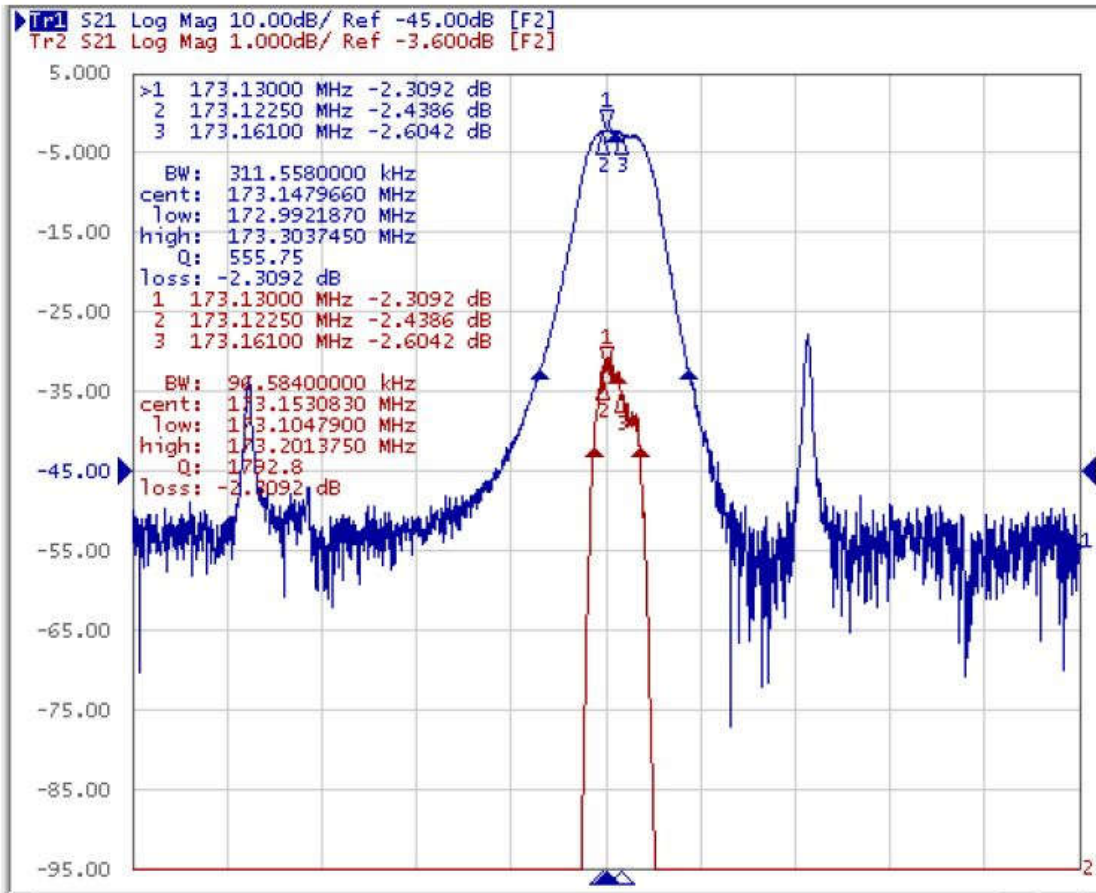
Items		Specification	Unit
Center frequency( $F_0$ )		173.130	MHz
Bandwidth @-3dB, typ		133	kHz
Bandwidth @-10dB, typ/max		191 / 200	kHz
Insertion Loss (within $F_0-7.5\sim F_0+30.9$ kHz) typ / max		2.6 / 3.6	dB
Ripple in Pass Band (within $F_0-7.5\sim F_0+30.9$ kHz) typ/max		0.6 / 1.0	dB
Attenuation	163.130 ~ 172.210 MHz, min/typ	-50 / -52	dB
	174.050 ~ 183.130 MHz, min/typ	-45 / -52	dB
Aging, max		$\pm 10$	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

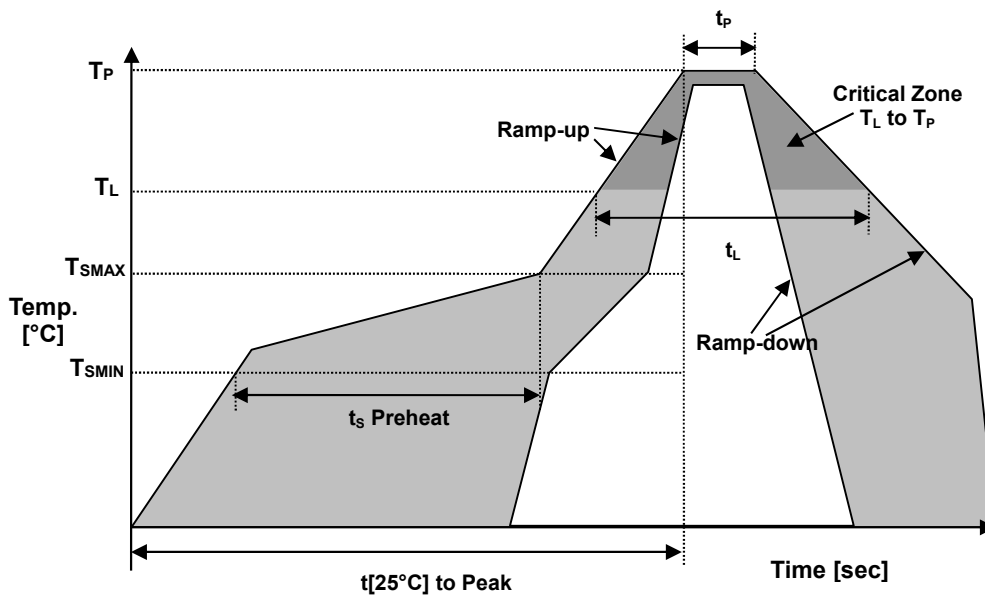


Pin Description	
A,B,C,F,G,H	Ground
I	Ground
J	Input
D	Ground
E	Output

**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°C] to Peak Temperature	t[25°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