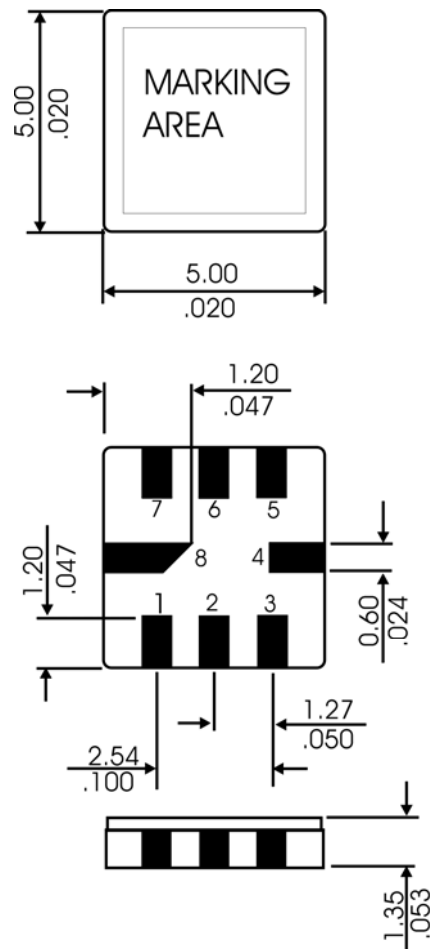


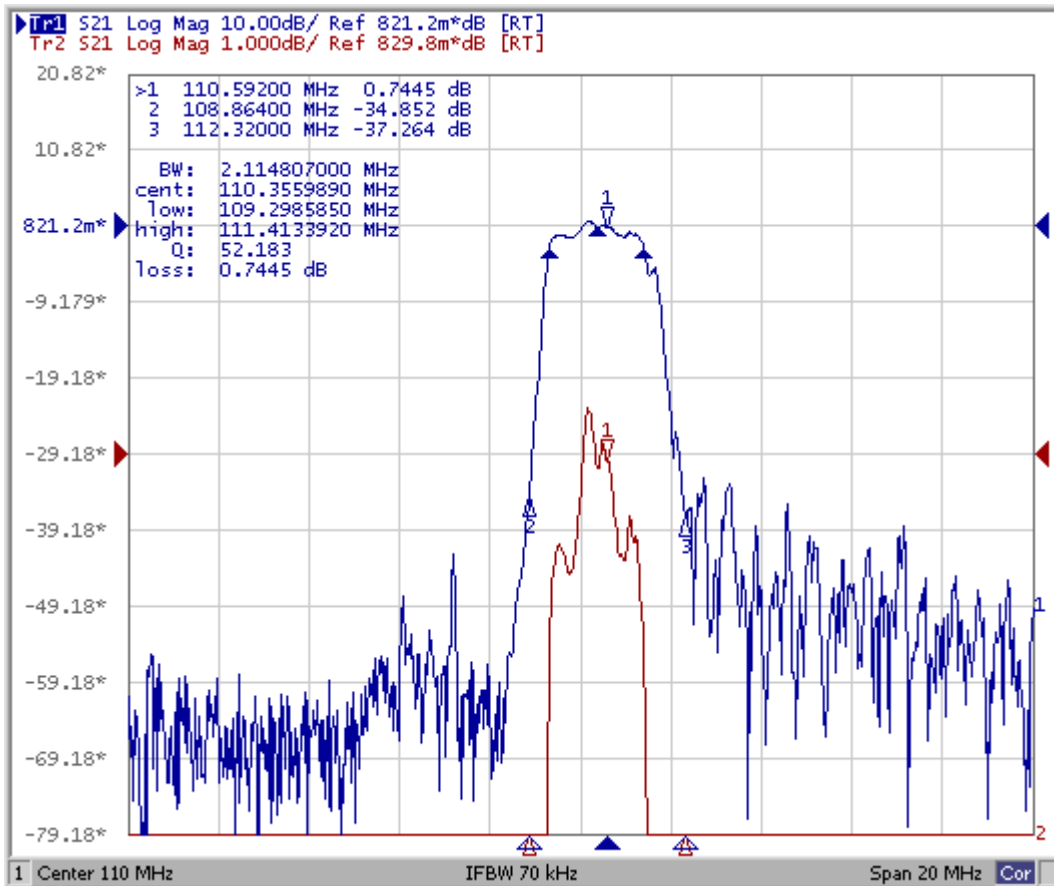
Items	Specification	Unit	
Center frequency (Fc)	110.592	MHz	
Bandwidth	1152	KHz	
Insertion Loss in BW, Max	4.5	dB	
Group Delay Deviation in BW, Max	0.7	μsec	
Stop Band Attenuation	105.592 MHz	50	dB min
	107.092 MHz	45	dB min
	108.864 MHz ~ 112.32 MHz	30	dB min
	114.048	40	dB min
	115.592 MHz	40	dB min
In/Out Impedance	300 Ω // 1.2 μH		
DC Voltage Maximum	10 V		
Input Power Maximum	0 dBm		
Operation Temperature	-40°C to +85°C		
Storage Temperature	-45°C to +85°C		

**Dimension**

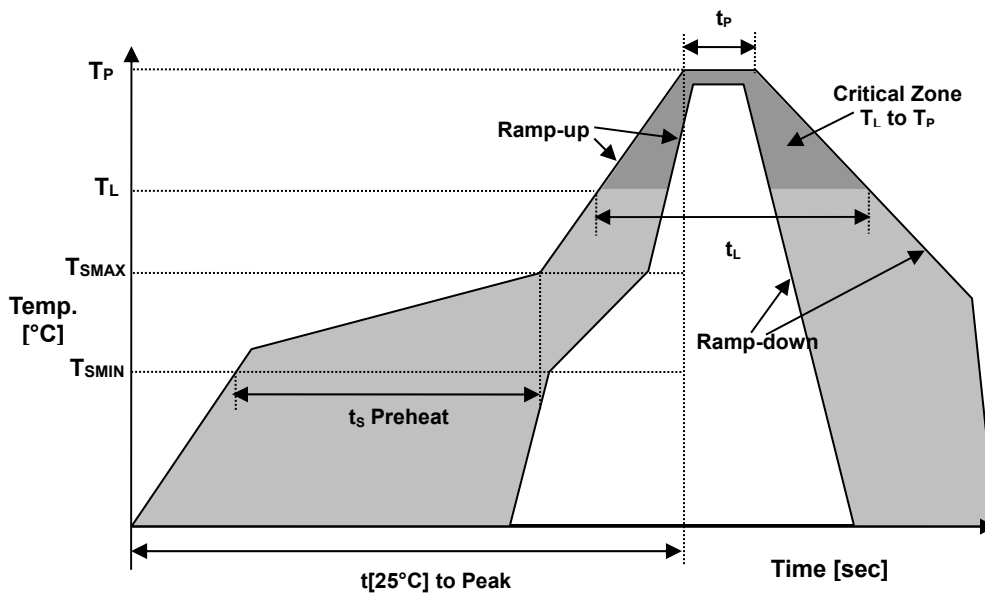


**PIN CONNECTION**  
2 - INPUT / OUTPUT  
6 - OUTPUT / INPUT  
4,8 - CASE GROUND

**Typical 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 $t[25^\circ\text{C}]$ 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
TERMINATION FINISH	Au
REACH – SVHC	Compliant
RoHS 2	6/6
PACKAGING	TAPE & REEL

April 2016