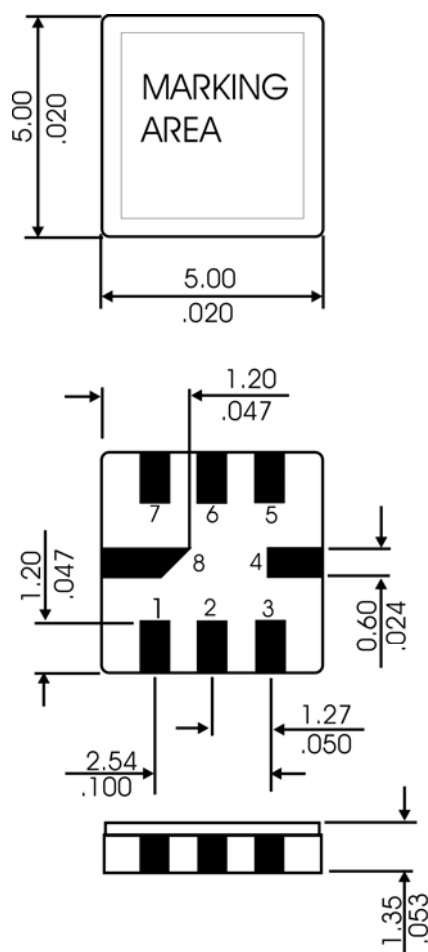


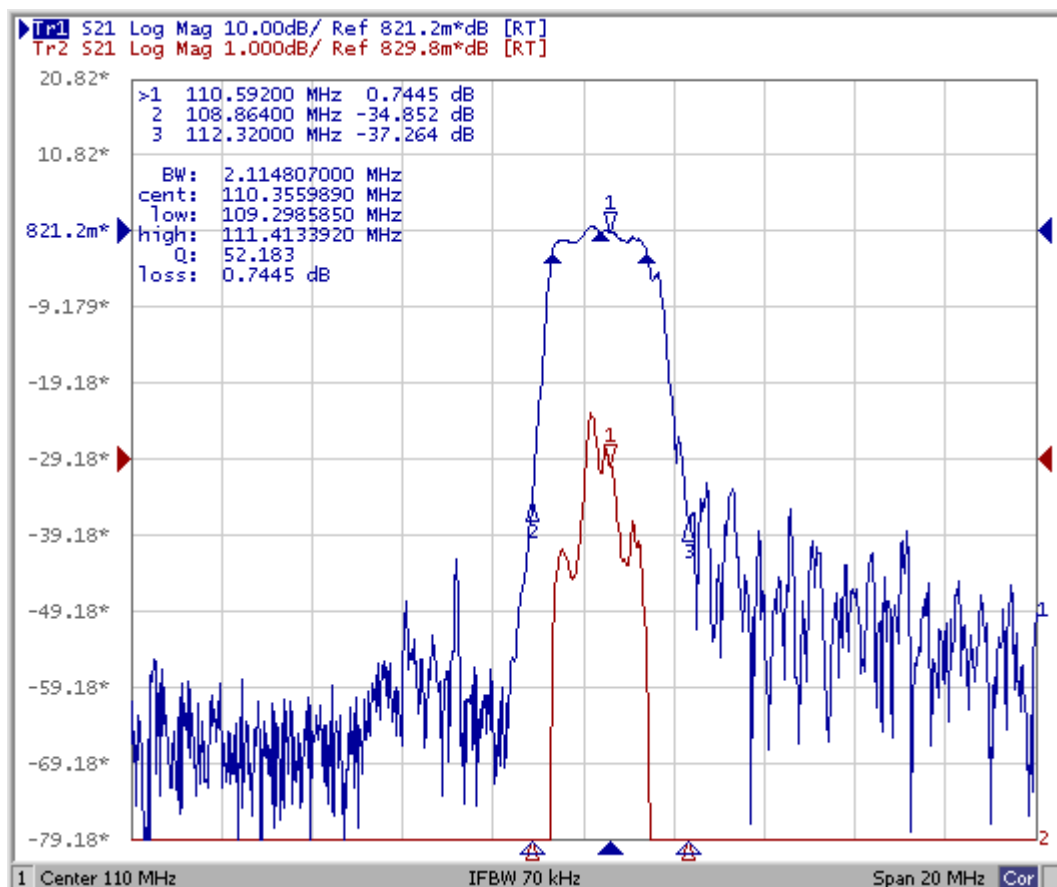
Items		Specification	Unit
Center frequency (Fc)		110.592	MHz
Bandwidth		1152	KHz
Insertion Loss in BW, Max		4.5	dB
Group Delay Deviation in BW, Max		0.7	μsec
Stop Band Attenuation	105.592 MHz	50	dB min
	107.092 MHz	45	dB min
	108.864 MHz ~ 112.32 MHz	30	dB min
	114.048	40	dB min
	115.592 MHz	40	dB min
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

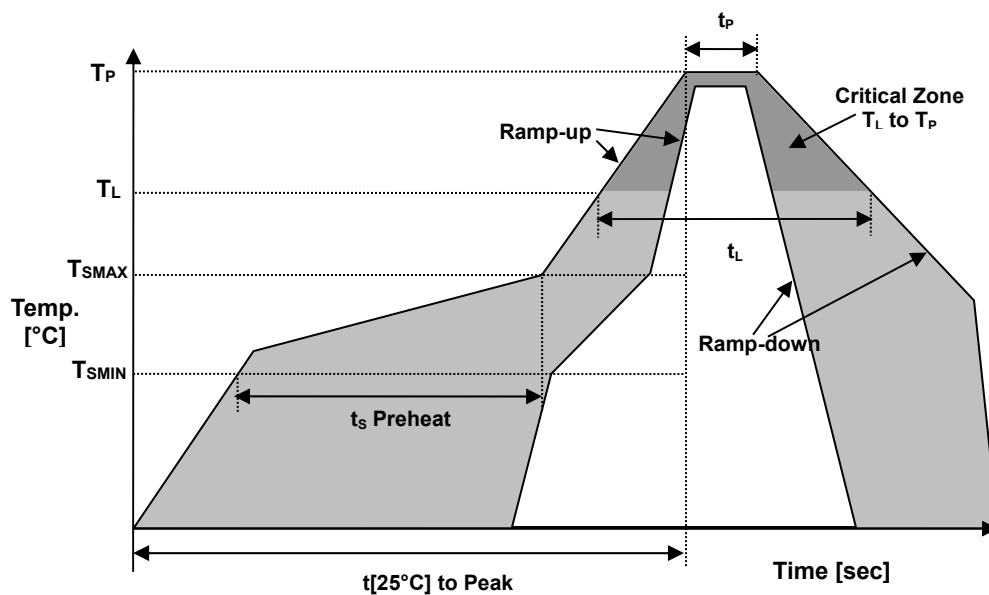


PIN CONNECTION
2 - INPUT / OUTPUT
6 - OUTPUT / INPUT
4,8 - CASE GROUND

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