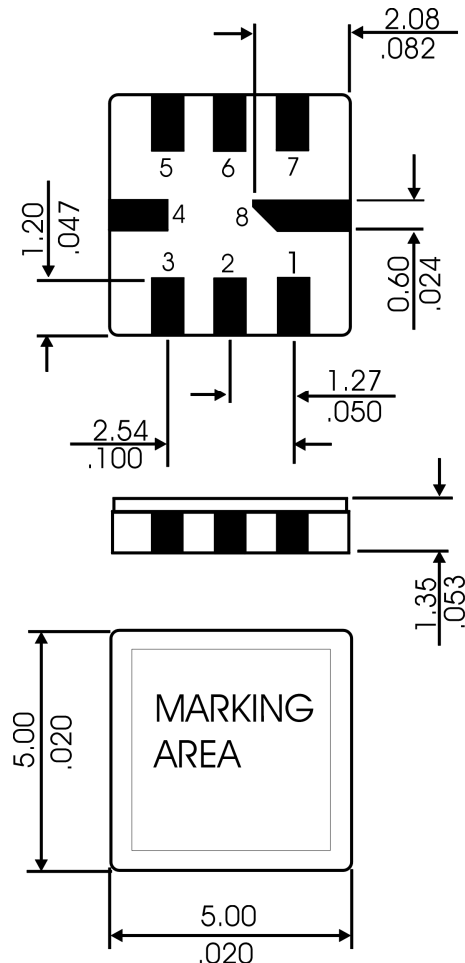


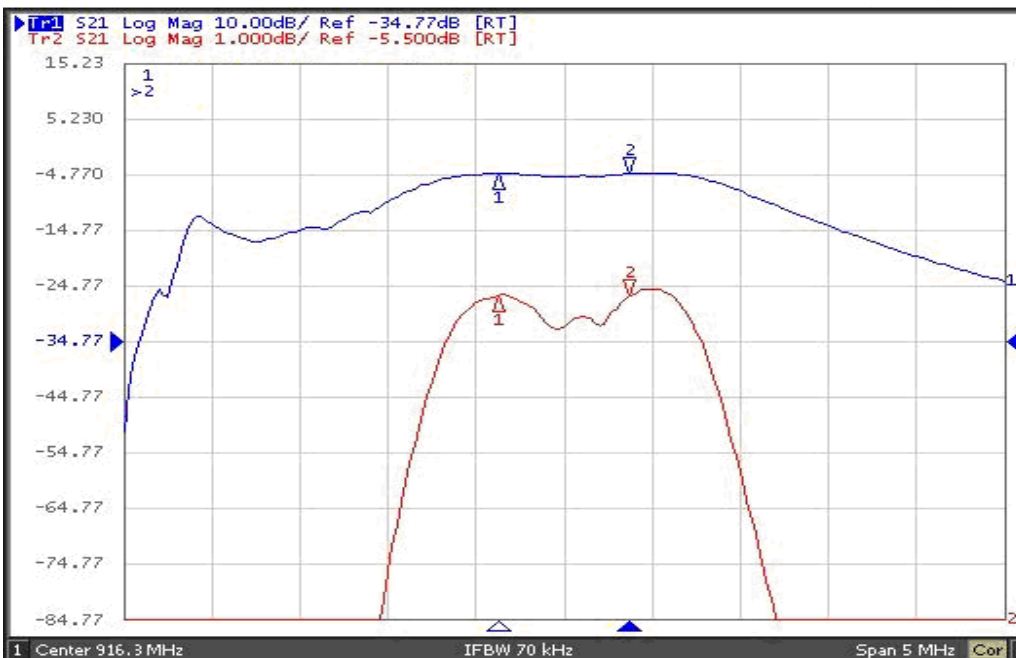
Items		Specification	Unit
Center frequency (Fc)		916.300	MHz
Bandwidth		750	KHz
Insertion Loss in BW		6.0	dB max
Passband Ripple		±1.0	dB max
Temperature Stability	Turnover Temperature, Max	40	dB min
	Turnover Frequency	916.300	MHz
	Temperature Coefficient	0.032	ppm/°C ²
Frequency Aging		< ±10 ppm/yr	
Attenuation	894.900 MHz	30	dB min
	905.600 MHz	15	dB min
In/Out Impedance		50 Ω	
DC Voltage		30 V	
RF Power Maximum		13 dBm	
Operation Temperature		-40°C to +85°C	
Storage Temperature		-40°C to +85°C	

Dimension

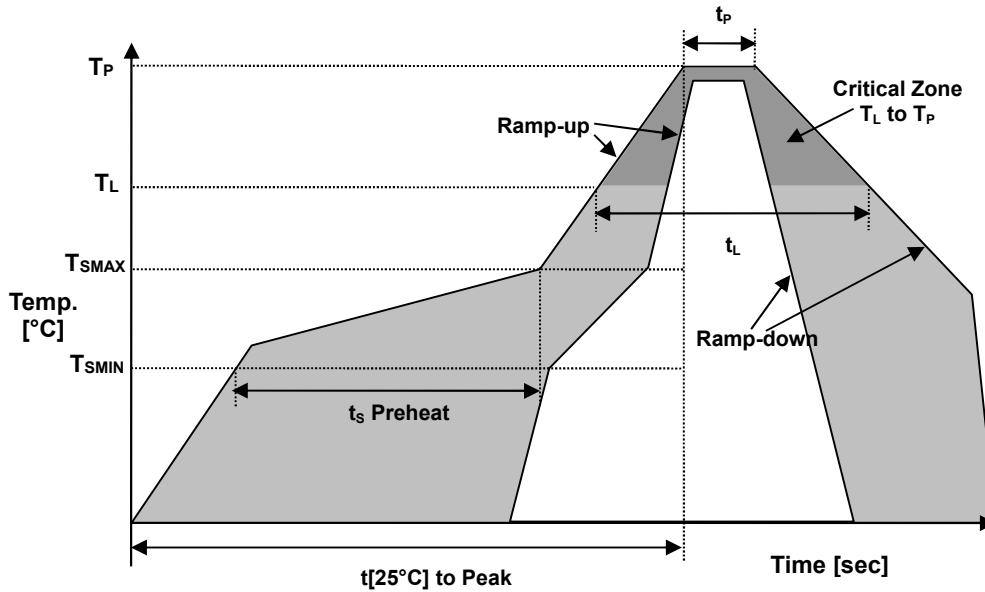


PIN CONNECTION
 2 - INPUT / OUTPUT
 6 - OUTPUT / INPUT
 4,8 - CASE GROUND

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
REACH – SVHC	Compliant
RoHS 2	6/6

April 2016