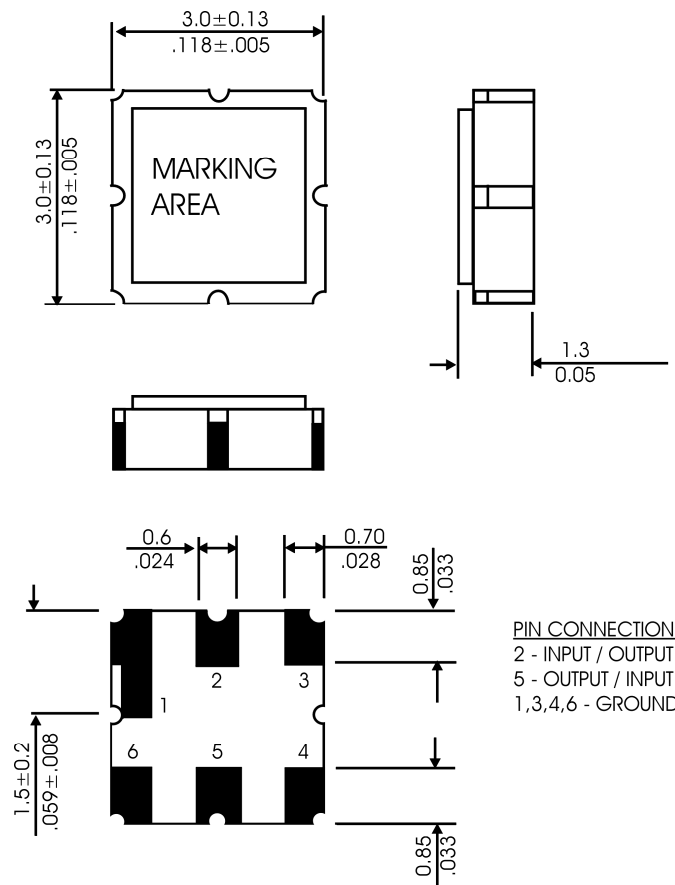
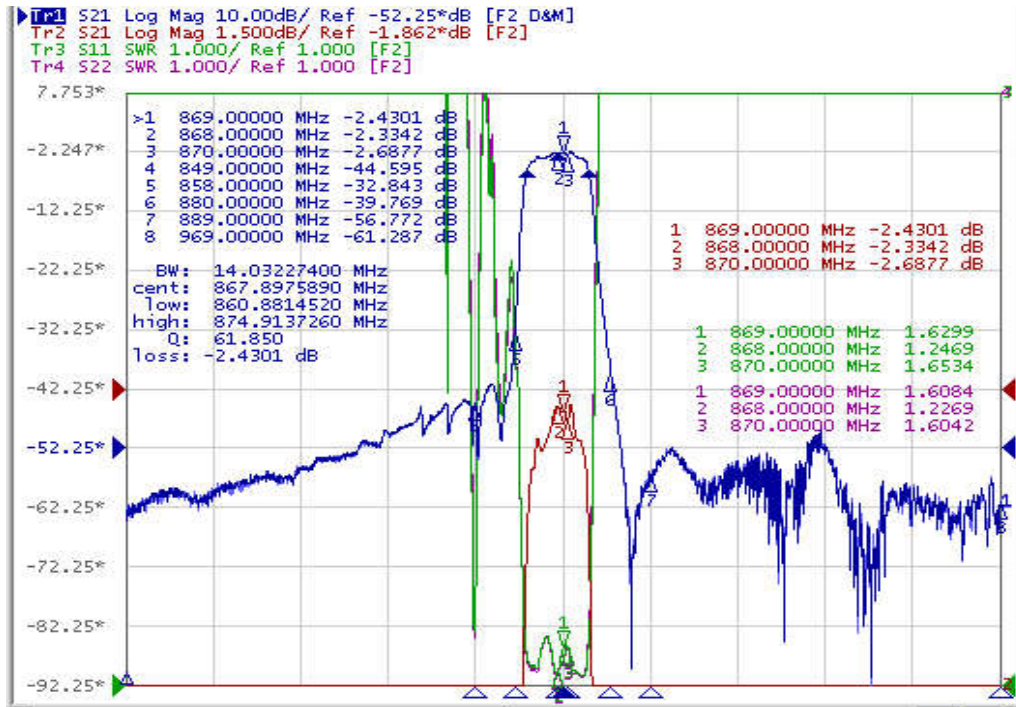


Items		Specification	Unit
Center frequency (fo)		869.000	MHz
Bandwidth		2000	kHz
Insertion Loss (BW), Typ/Max		2.5 / 3.5	dB
Amplitude Ripple (BW), Typ/Max		0.5 / 1.5	dB
Relative Attenuation Min/Typ	0.3 MHz ~ 849 MHz	-40 / -45	dB
	849 MHz ~ 858 MHz	-20 / -32	dB
	880 MHz ~ 889 MHz	-20 / -39	dB
	889 MHz ~ 980 MHz	-35 / -50	dB
	980 MHz ~ 1500 MHz	-40 / -46	dB
	1500 MHz ~ 3000 MHz	-30 / -35	dB
	3000 MHz ~ 4000 MHz	-5 / -8	dB
4000 MHz ~ 6000 MHz		-4 / -5.2	dB
DC Voltage, Max		10	V
Input Power, Max		16	dBm
In/Out Impedance		50	Ω
Operation Temperature		-40 to +85	$^{\circ}\text{C}$
Storage Temperature		-45 to +85	$^{\circ}\text{C}$

Dimension

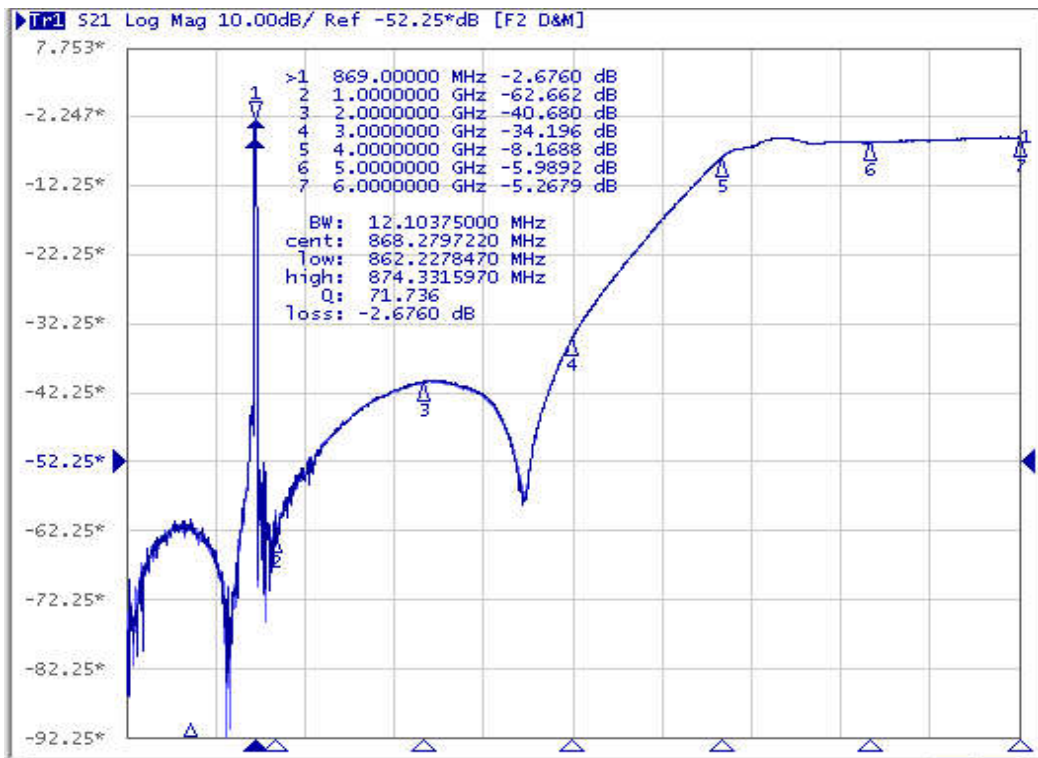


Frequency Characteristics



Center:869MHz

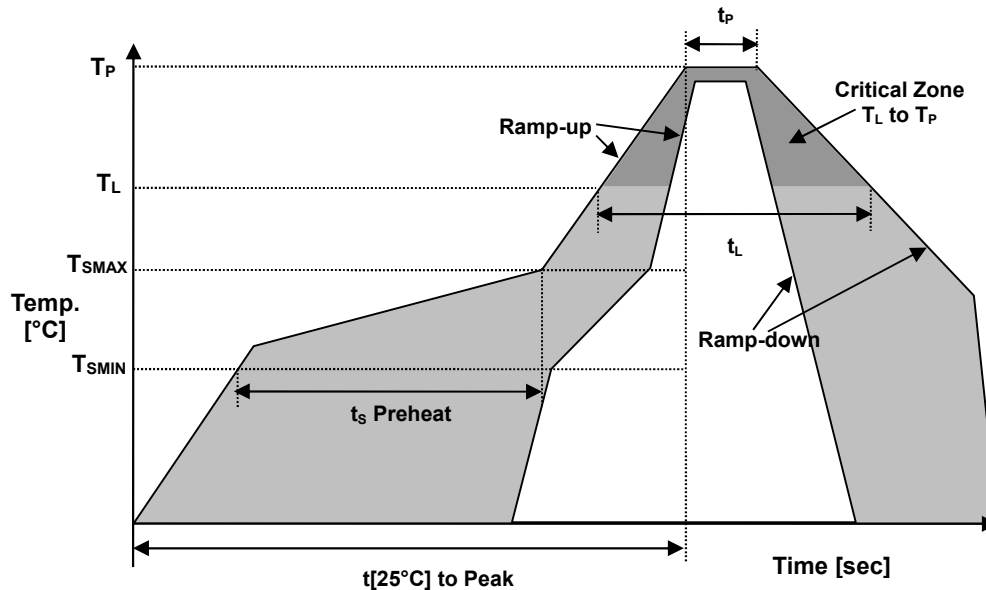
Span:200MHz



Start:300KHz

Stop:6GHz

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 $t_{[25^{\circ}C]}$ to Peak Temperature	$t_{[25^{\circ}C]}$ 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