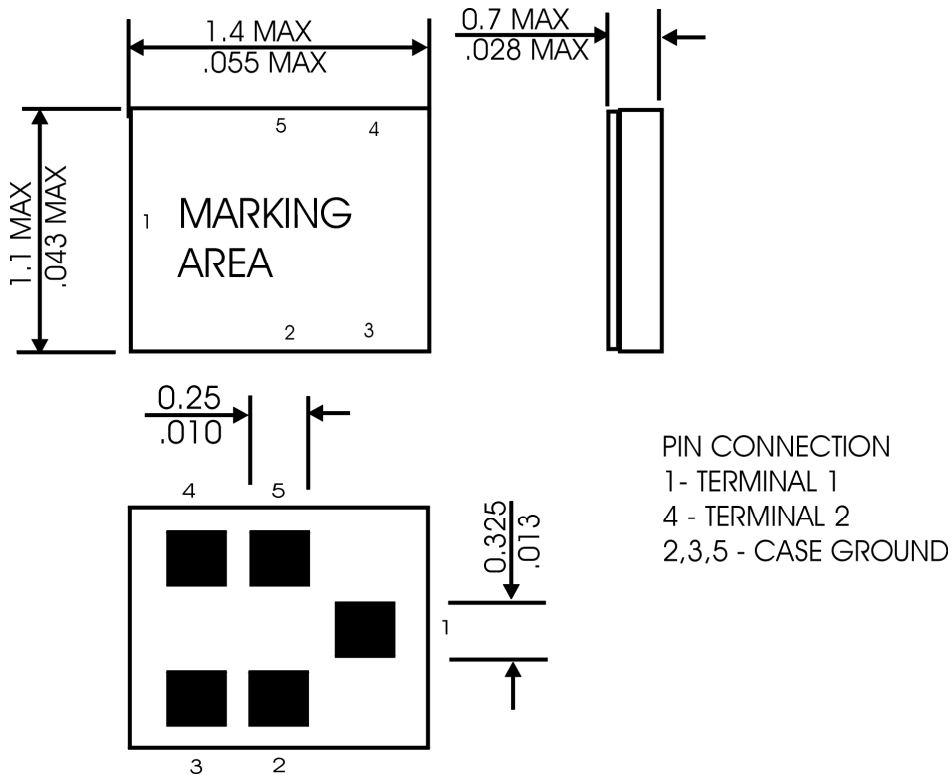


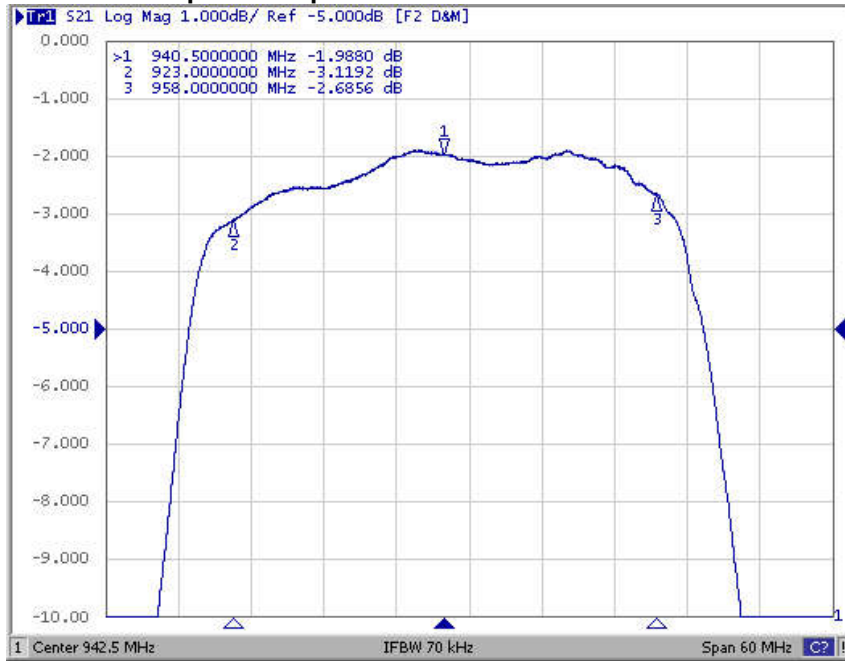
Items		Specification	Unit
Center frequency (Fo)		942.500	MHz
Bandwidth		35000	kHz
Insertion Loss in BW, Max		3.8	dB
Amplitude Ripple in BW, Max		2.2	dB
Relative Attenuation	DC ~ 880 MHz	38	dB min
	880 MHz ~ 905 MHz	30	dB min
	905 MHz ~ 915 MHz	28	dB min
	980 MHz ~ 3000 MHz	25	dB min
	3000 MHz ~ 6000 MHz	19	dB min
VSWR, Max		2.0	---
Input Power, Max		10	dBm
DC Voltage, Max		3	V
In/Out Impedance		50	Ω
Operation Temperature		-25 to +75	$^{\circ}\text{C}$
Storage Temperature		-30 to +85	$^{\circ}\text{C}$

Dimension

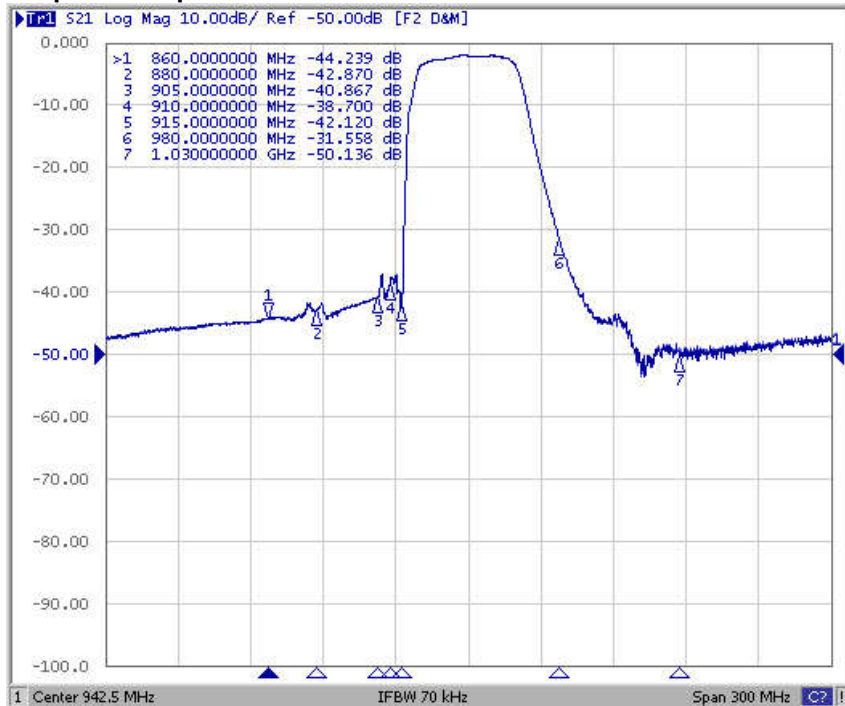


Frequency Characteristics

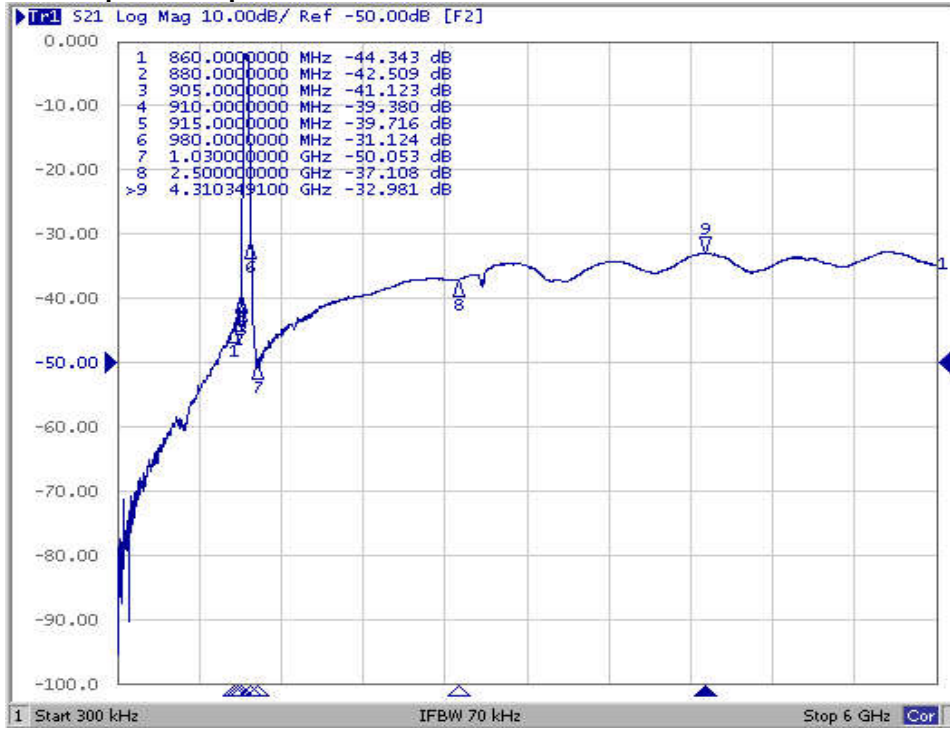
S21 Pass-band response – span 60 MHz



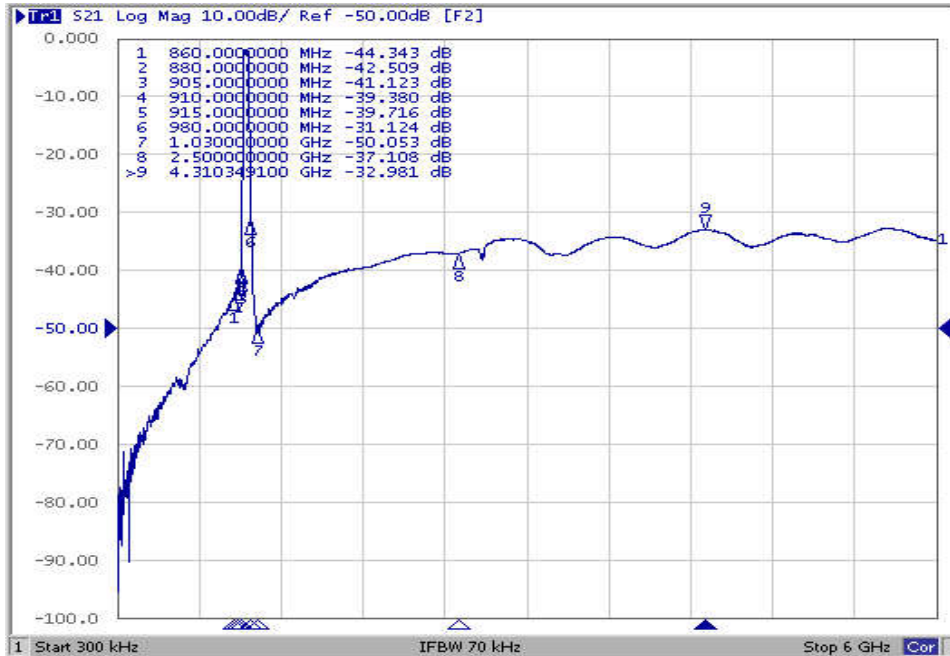
S21 Response – span 300 MHz



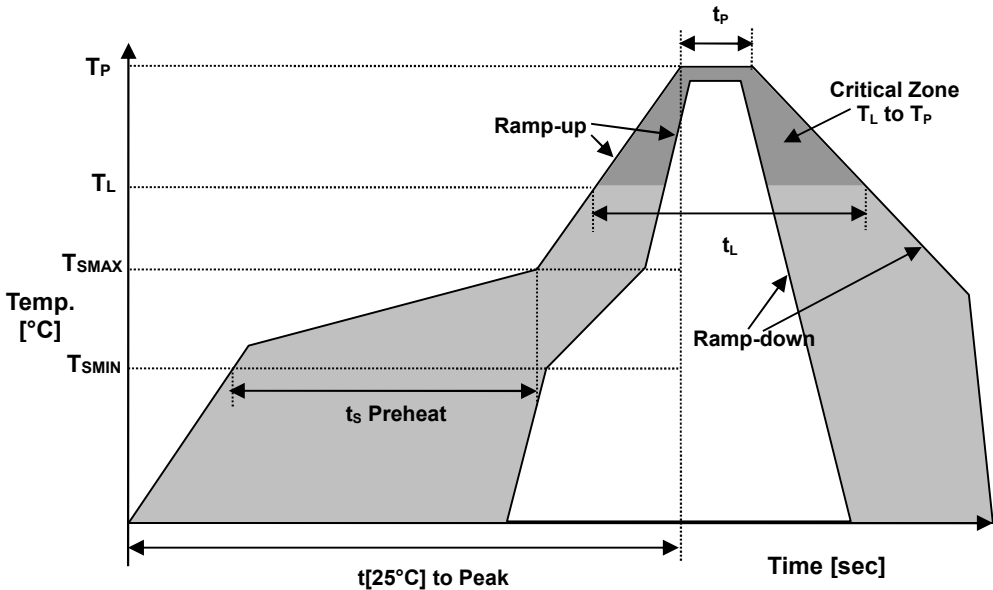
S21 Response – span 6 GHz



S11 & S22 VSWR



● 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