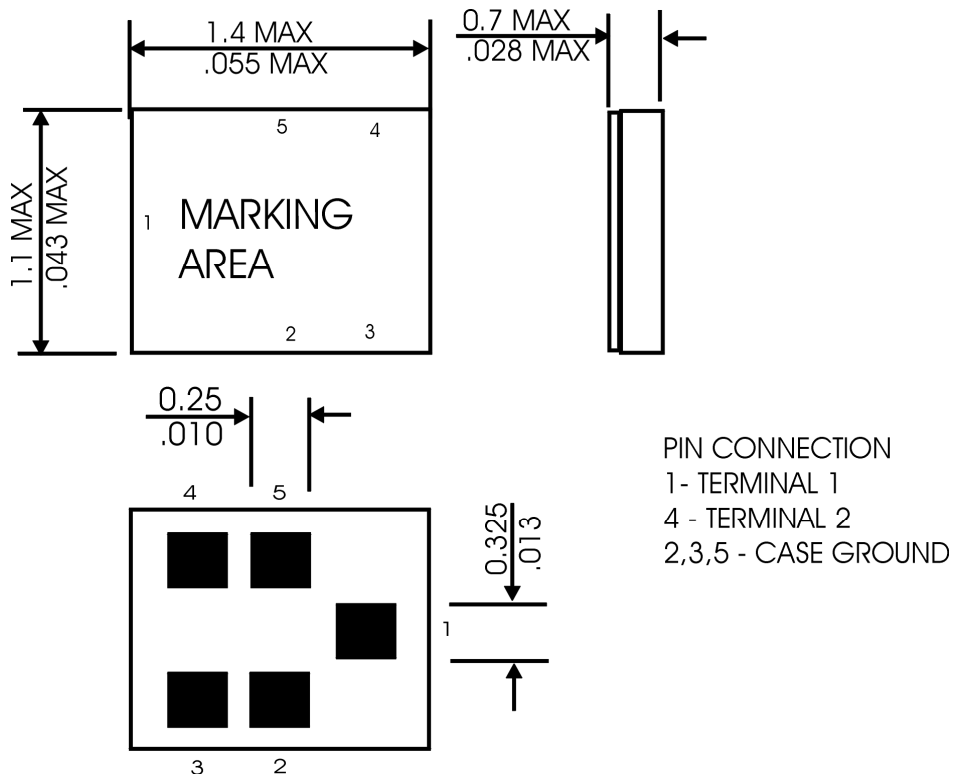


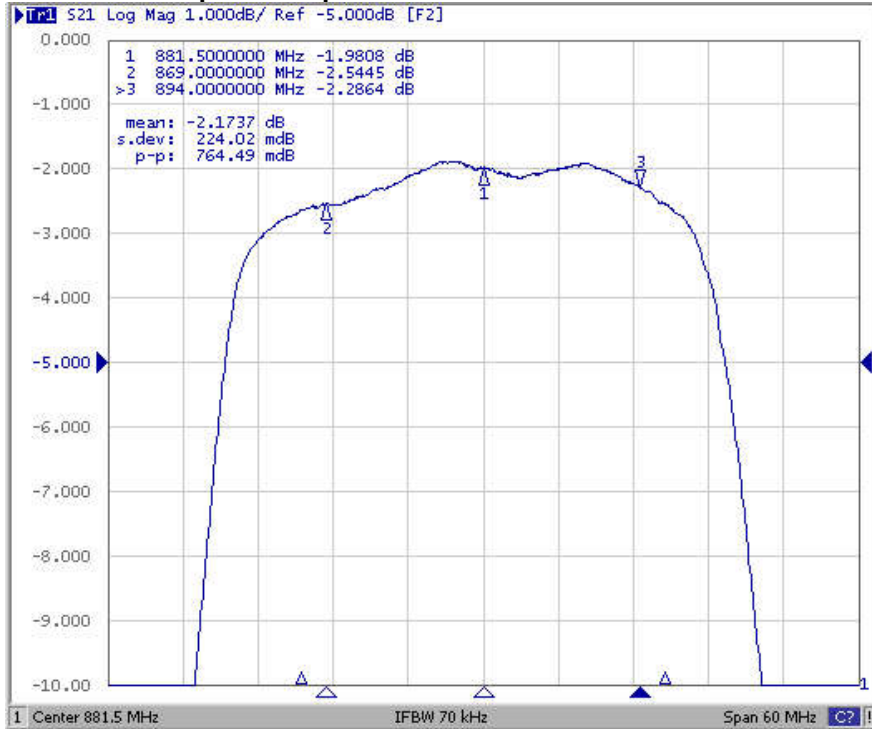
Items	Specification	Unit
Center frequency (Fo)	881.500	MHz
Bandwidth	25000	kHz
Insertion Loss in BW, Max	3.0	dB
Amplitude Ripple in BW, Max	2.2	dB
Relative Attenuation	DC ~ 800 MHz	40 dB min
	800 MHz ~ 826 MHz	38 dB min
	826 MHz ~ 845 MHz	35 dB min
	845 MHz ~ 850 MHz	20 dB min
	850 MHz ~ 856 MHz	15 dB min
	910 MHz ~ 914 MHz	15 dB min
	914 MHz ~ 950 MHz	20 dB min
	950 MHz ~ 973 MHz	42 dB min
	973 MHz ~ 2340 MHz	30 dB min
2340 MHz ~ 6000 MHz	25 dB min	
VSWR, Max	2.0	---
Input Power, Max	10	dBm
DC Voltage, Max	3	V
In/Out Impedance	50	$\Omega$
Operation Temperature	-30 to +85	$^{\circ}\text{C}$
Storage Temperature	-30 to +85	$^{\circ}\text{C}$

### Dimension

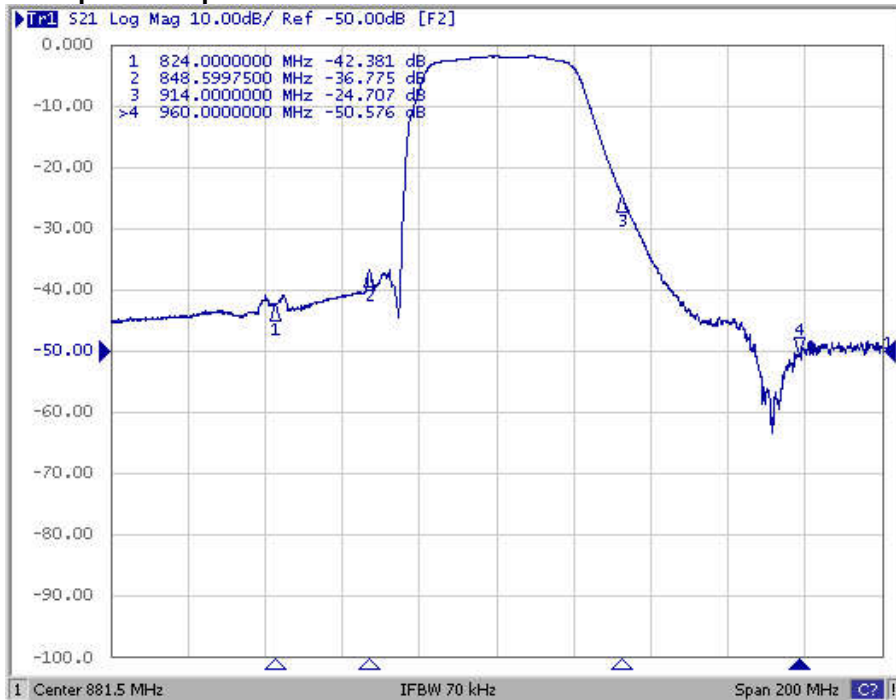


### Frequency Characteristics

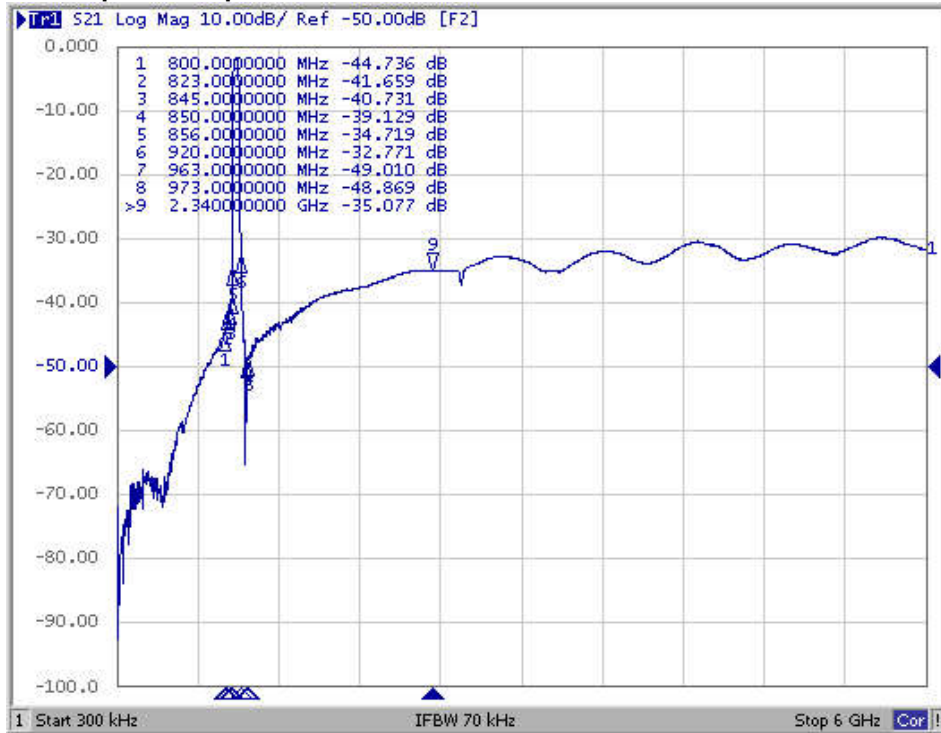
S21 Pass-band response – span 60 MHz



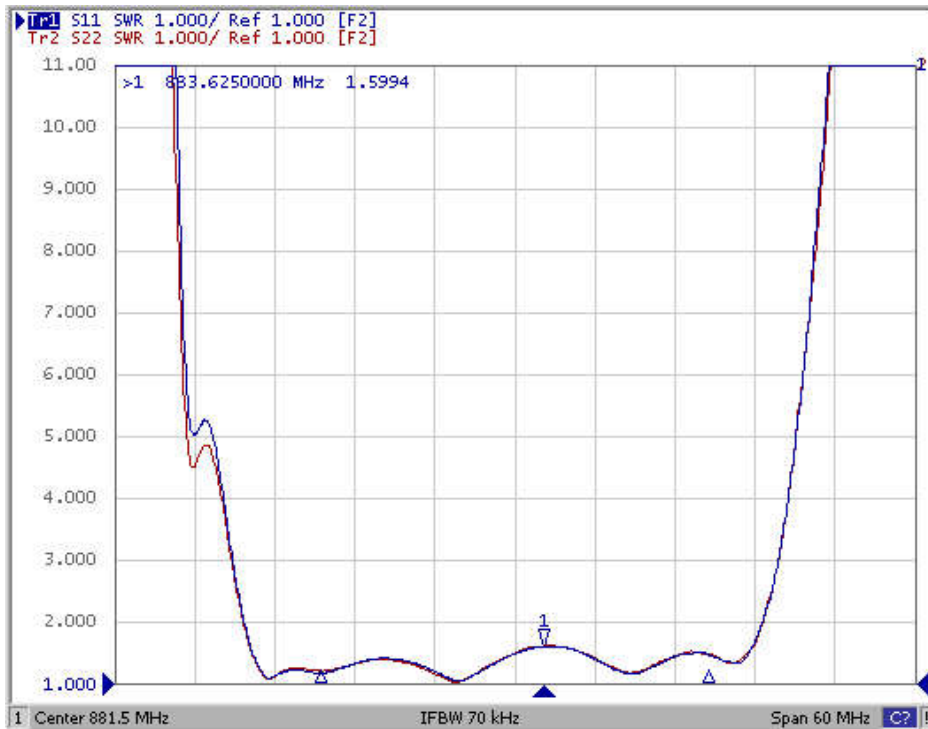
S21 Response – span 200 MHz



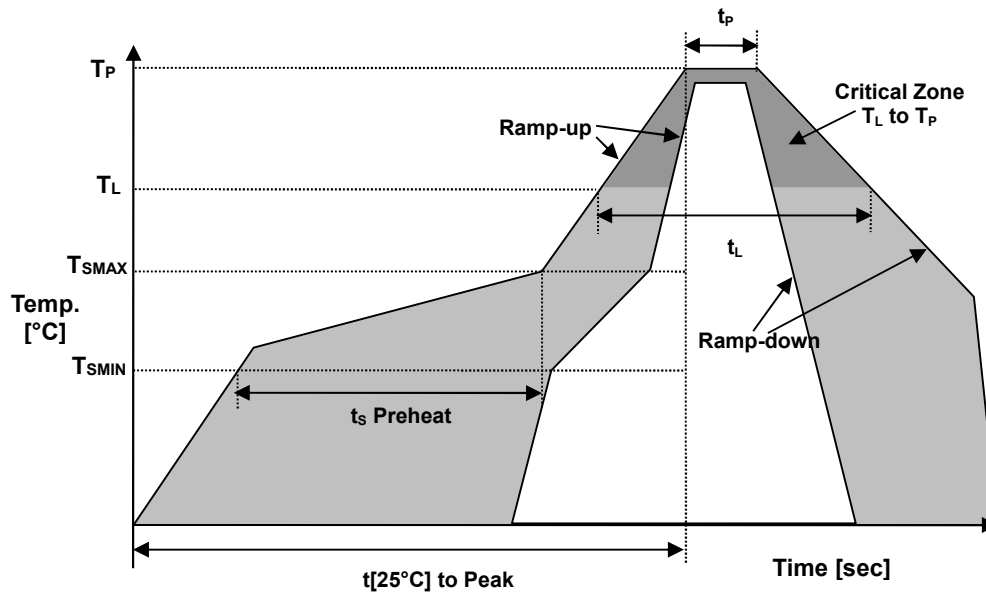
### S21 Response – span 6 GHz



### 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