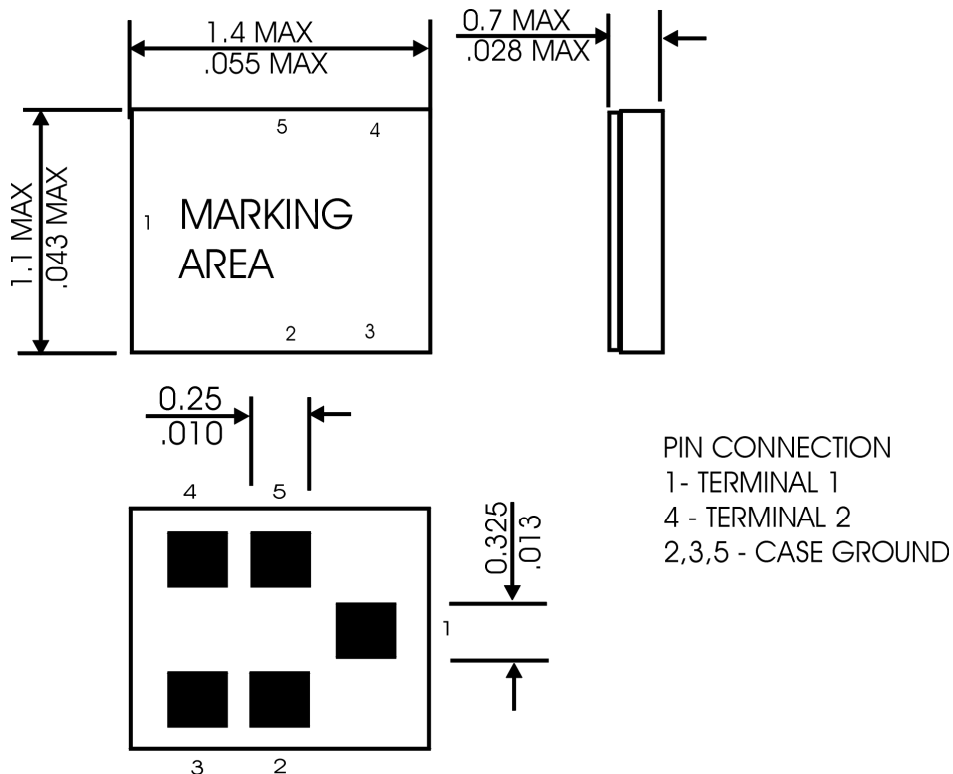


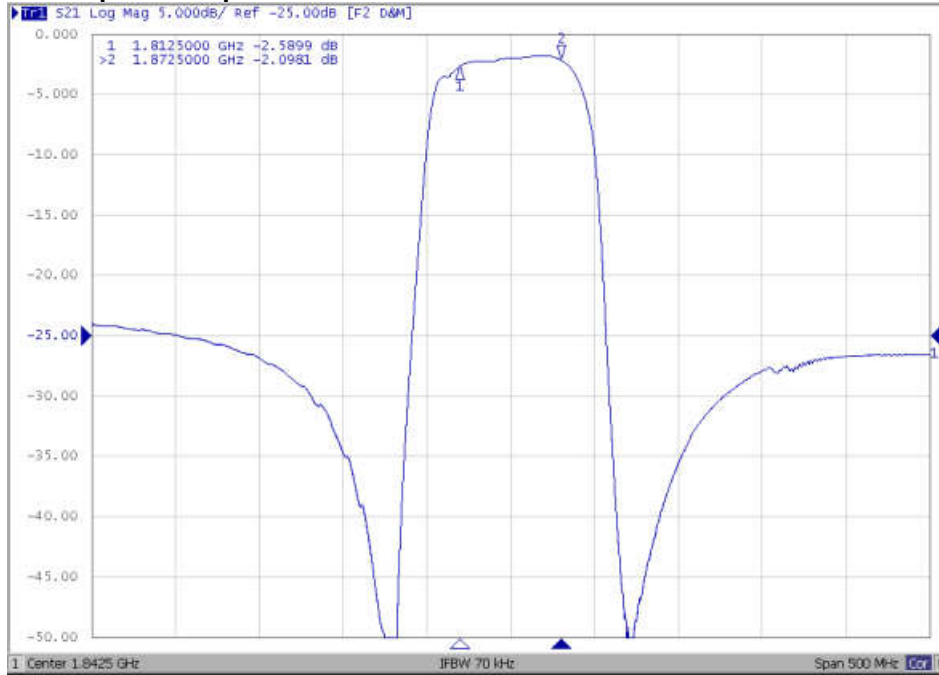
Items	Specification	Unit
Center frequency (Fo)	1842.50	MHz
Bandwidth	35000	kHz
Insertion Loss in BW, Max	3.2	dB
Amplitude Ripple in BW, Max	1.8	dB
Relative Attenuation	DC ~ 1500 MHz	20 dB min
	1600 MHz ~ 1710 MHz	22 dB min
	1710 MHz ~ 1785 MHz	15 dB min
	1920 MHz ~ 3120 MHz	25 dB min
	3120 MHz ~ 4000 MHz	25 dB min
VSWR, Max	2.3	---
Input Power, Max	10	dBm
DC Voltage, Max	0	V
In/Out Impedance	50	Ω
Operation Temperature	-20 to +75	$^{\circ}\text{C}$
Storage Temperature	-30 to +85	$^{\circ}\text{C}$

Dimension

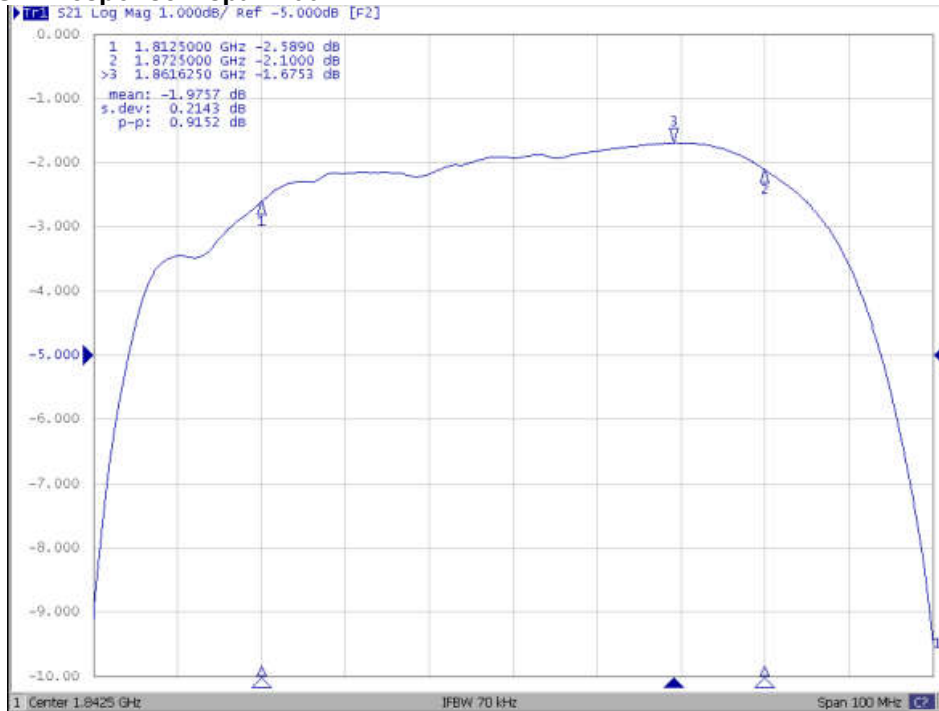


Frequency Characteristics

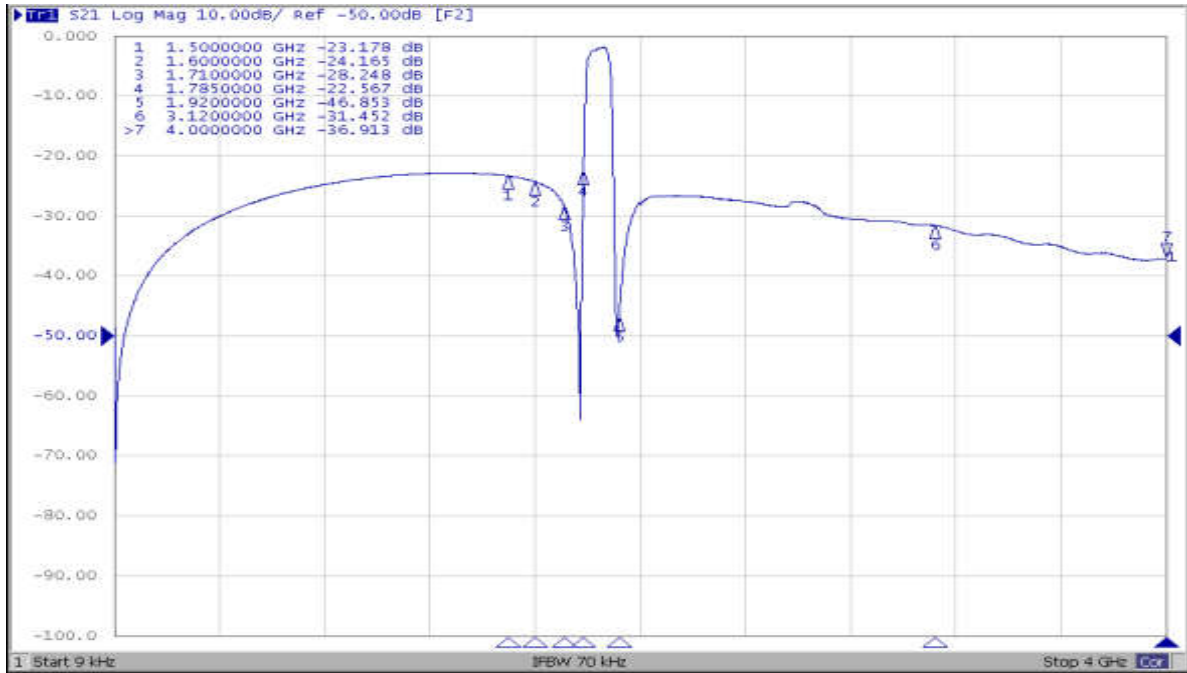
S21 Response – span 500 MHz



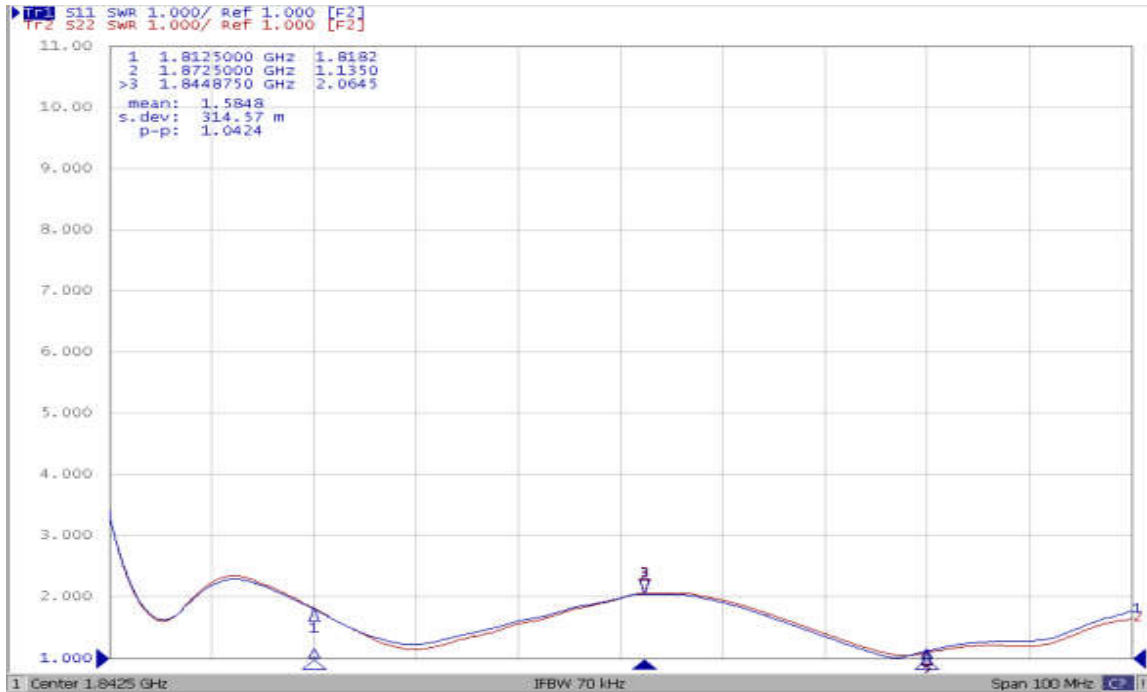
S21 Response – span 100 MHz



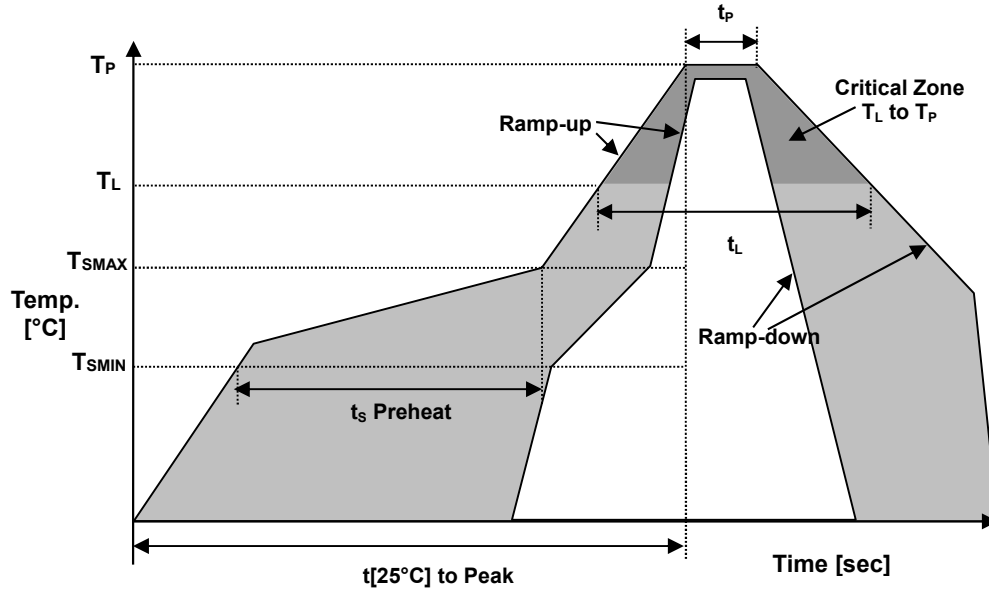
S21 Response – span 4 GHz



S21 VSWR – span 100 MHz



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 $t[25°C]$ to Peak Temperature	$t[25°C]$ 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