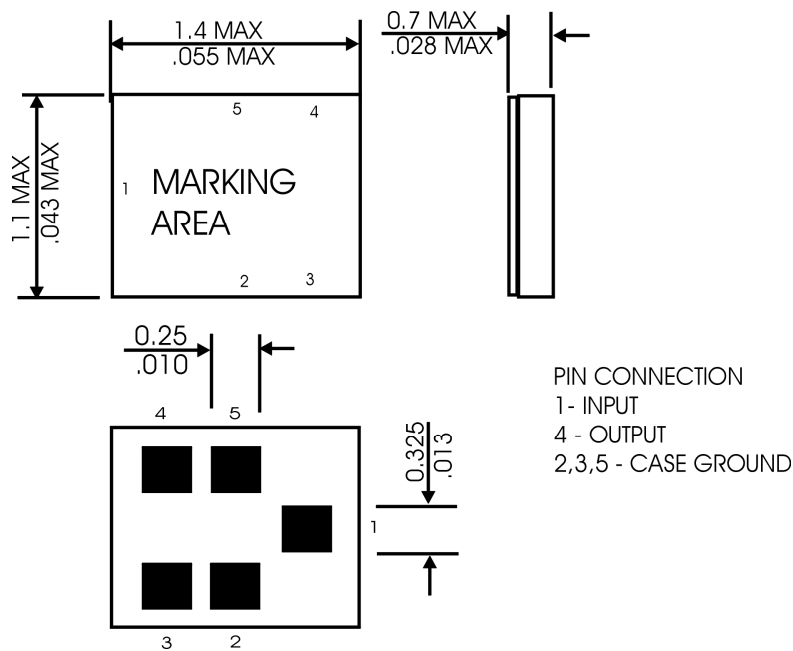


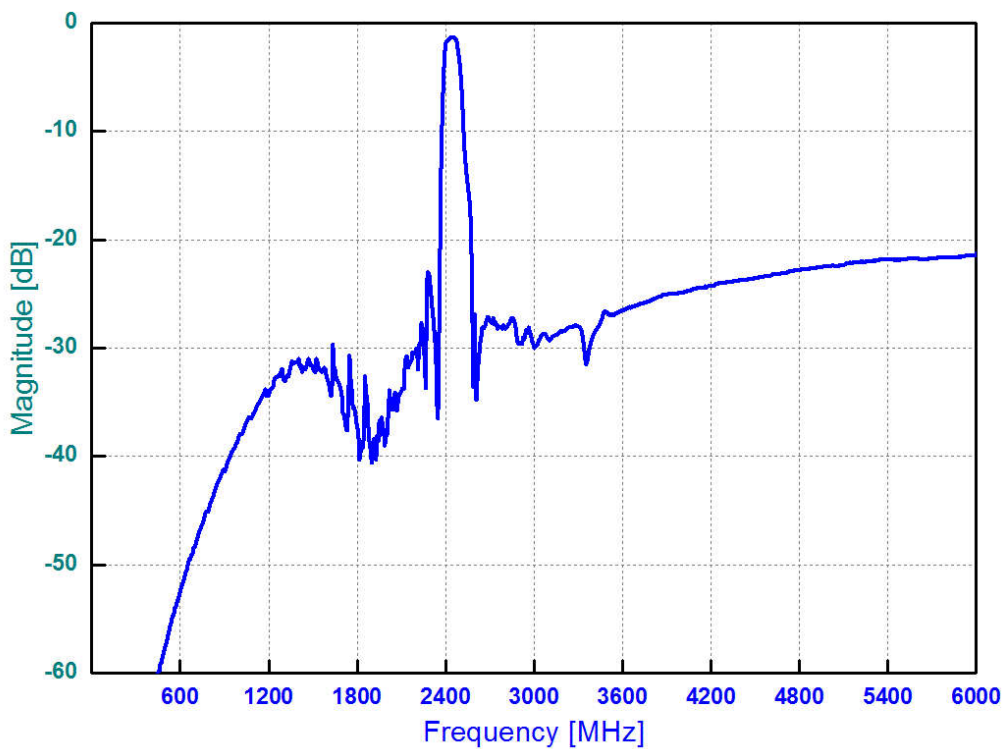
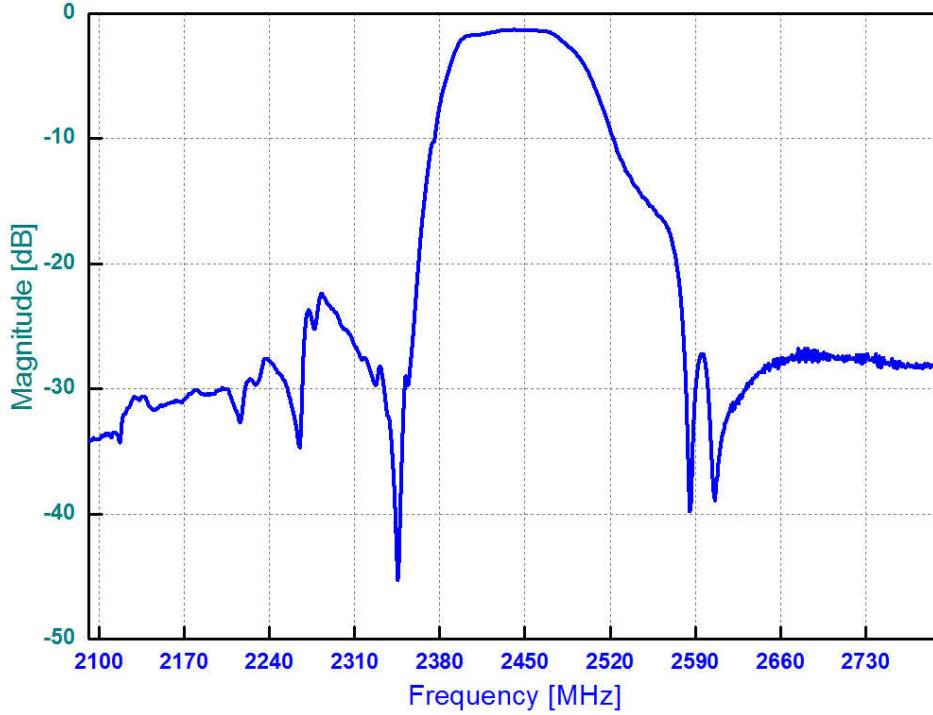
Items	Specification	Unit
Center frequency (F ₀)	2441.800	MHz
Insertion Loss within 2400.0 ~ 2483.5MHz , typ/max	2.4 / 3.0	dB
Amplitude Ripple within 2400.0 ~ 2483.5MHz , typ/max	1.0 / 1.5	dB _{P-P}
VSWR within 2400.0 ~ 2483.5MHz , typ/max	1.9 / 2.3	-
Attenuation, min/typ	0.1 ~ 960.0 MHz	-35 / -39
	1570.0 ~ 1990.0 MHz	-25 / -31
	2110.0 ~ 2170.0 MHz	-25 / -30
	2170.0 ~ 2300.0 MHz	-18 / -22
	2300.0 ~ 2320.0 MHz	-20 / -25
	2320.0 ~ 2345.0 MHz	-20 / -27
	2345.0 ~ 2365.0 MHz	-10 / -16
	2550.0 ~ 2800.0 MHz	-10 / -15
	2800.0 ~ 4000.0 MHz	-20 / -24
	4000.0 ~ 5000.0 MHz	-15 / -22
5000.0 ~ 6000.0 MHz	-15 / -21	
Input Power, max	+10	dBm
Operating Temperature Range	-30 to +85	°C
Storage Temperature Range	-40 to +85	°C
Source Impedance (single ended)	50	Ω
Load Impedance (single ended)	50	Ω

Dimensions

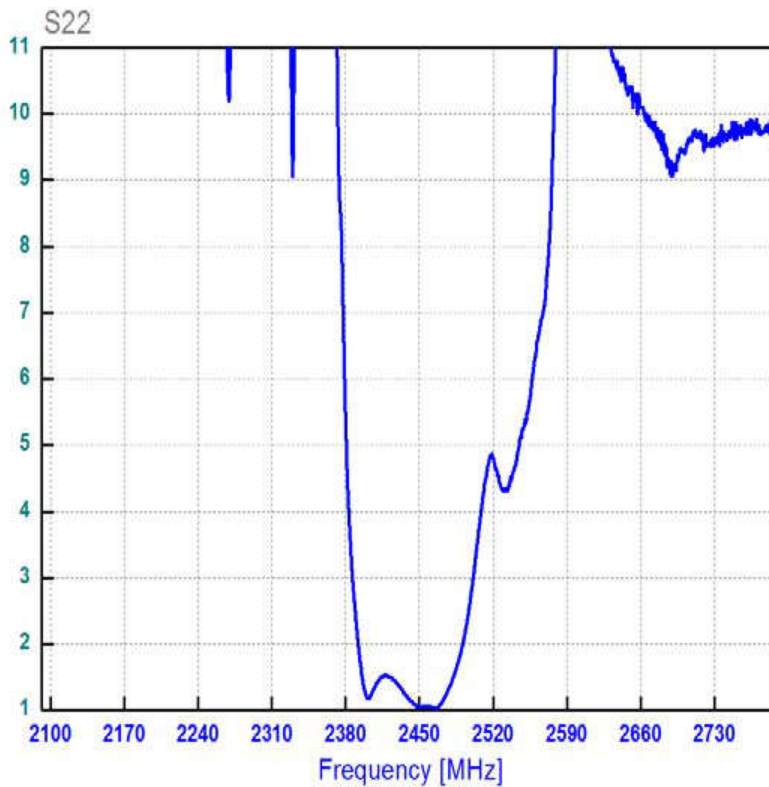
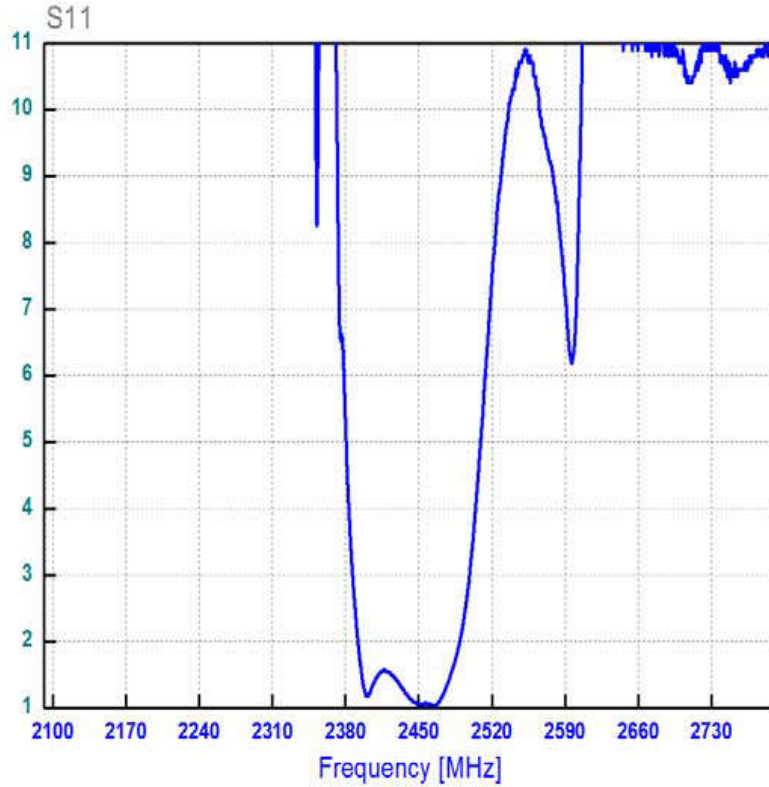


Frequency Characteristics

Frequency Response

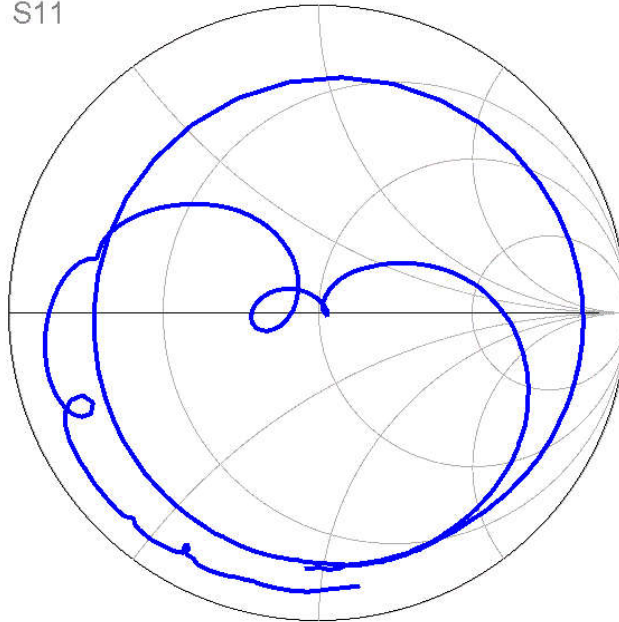


VSWR

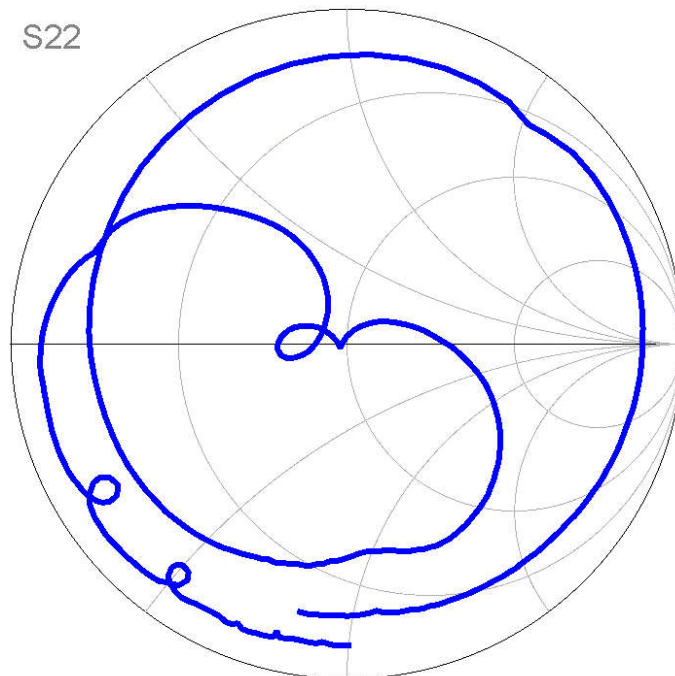


Smith Chart

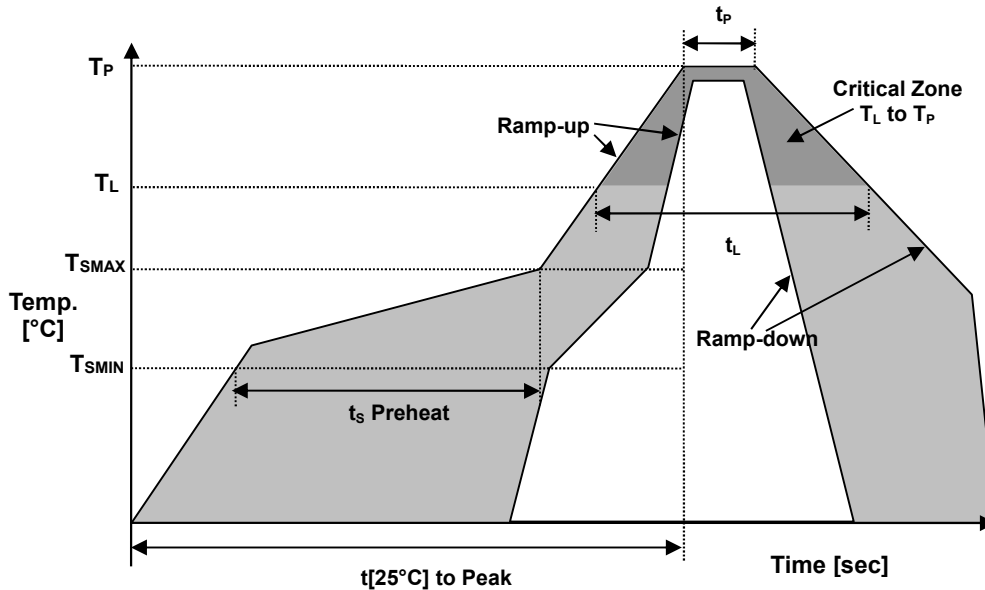
S11



S22



● **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