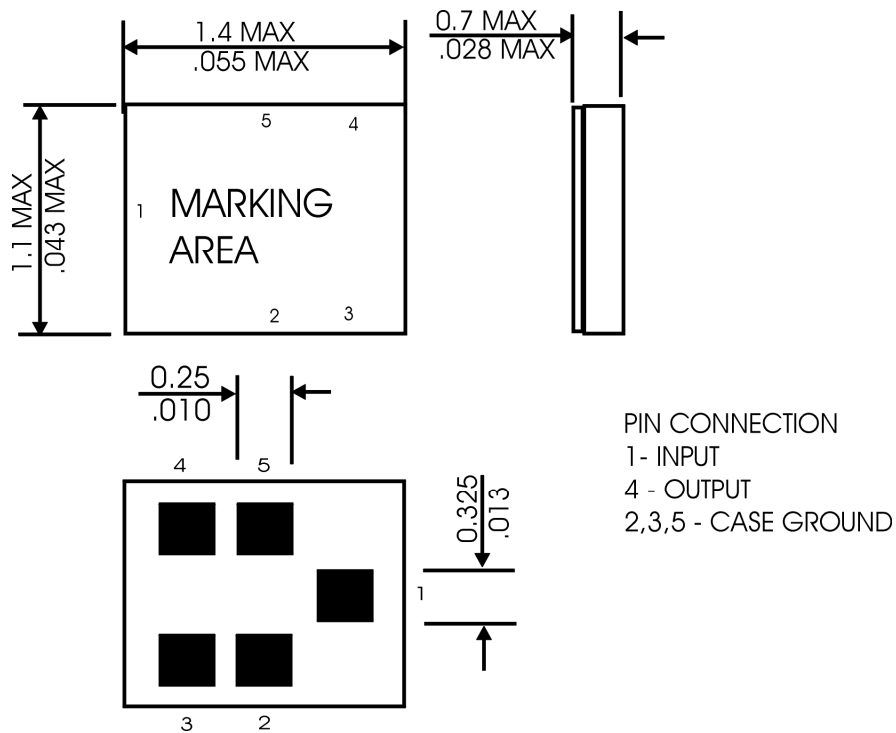


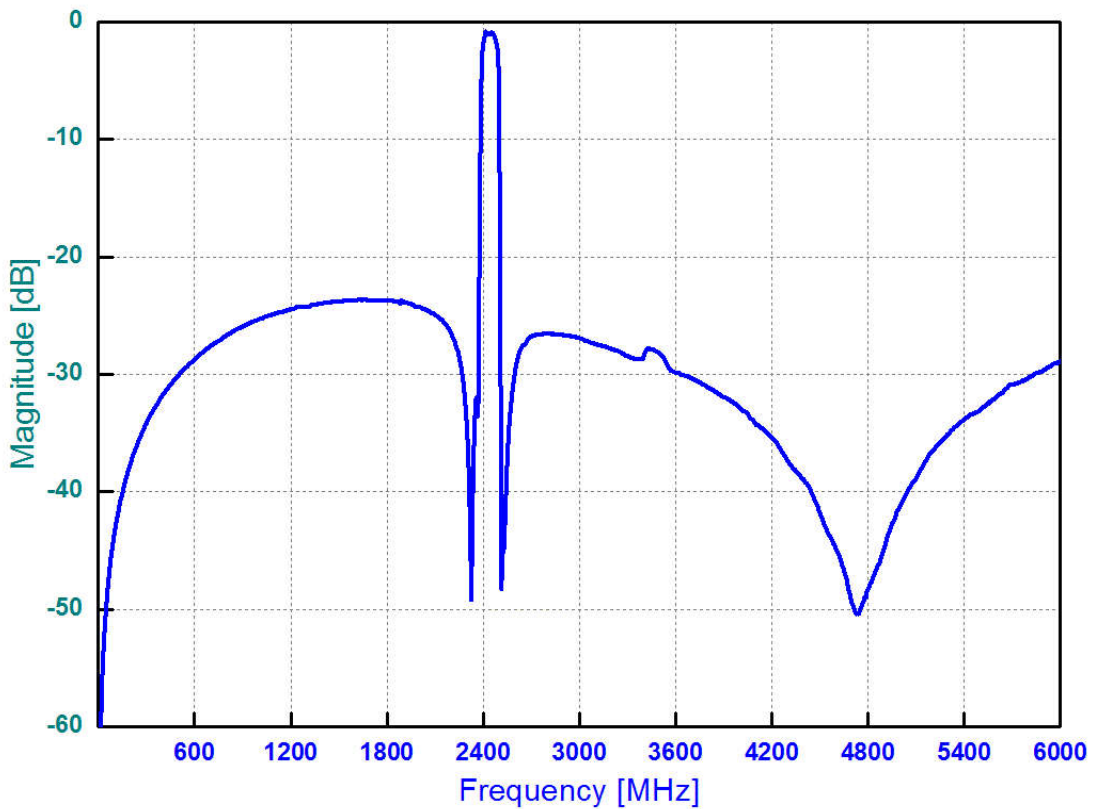
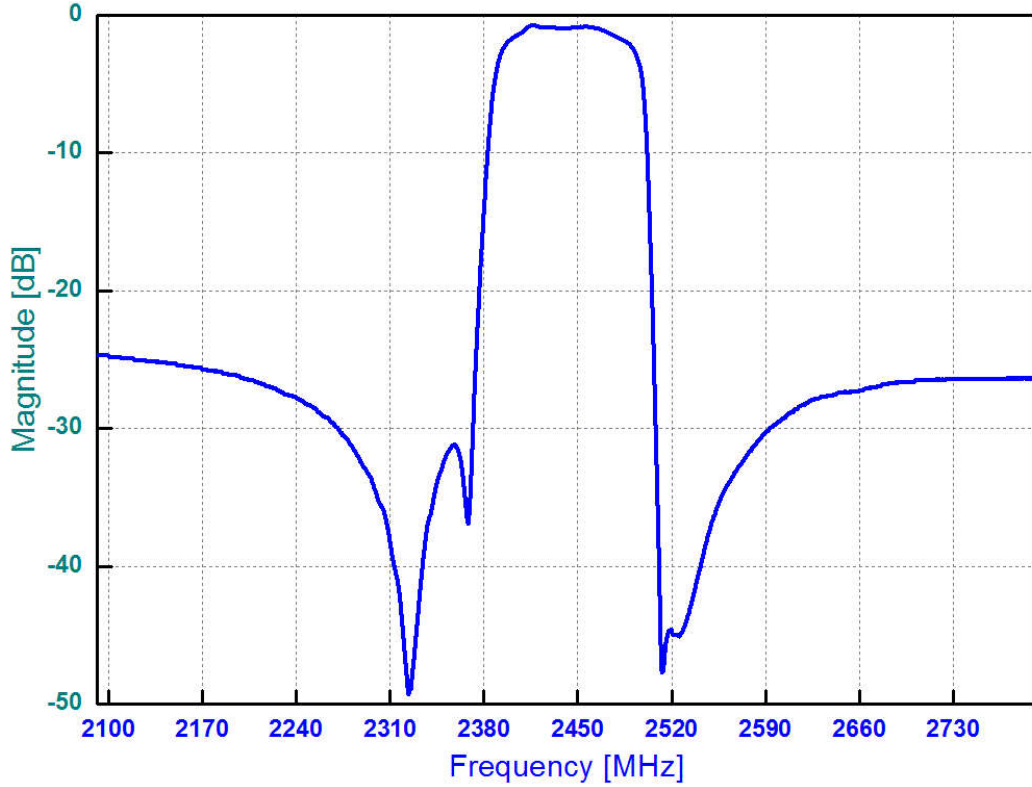
Items	Specification	Unit
Center frequency (F <sub>0</sub> )	2441.800	MHz
Insertion Loss within 2400.0 ~ 2483.5MHz , typ/max	1.8 / 2.8	dB
Amplitude Ripple within 2400.0 ~ 2483.5MHz , typ/max	1.0 / 2.0	dB <sub>P-P</sub>
VSWR within 2400.0 ~ 2483.5MHz , typ/max	1.9 / 2.3	-
Attenuation, min/typ	DC ~ 1700.0 MHz	-20 / -23
	1700.0 ~ 2200.0 MHz	-20 / -23
	2700.0 ~ 3100.0 MHz	-20 / -26
	3100.0 ~ 4000.0 MHz	-23 / -27
	4000.0 ~ 6000.0 MHz	-20 / -28
Input Power, max	+26	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**

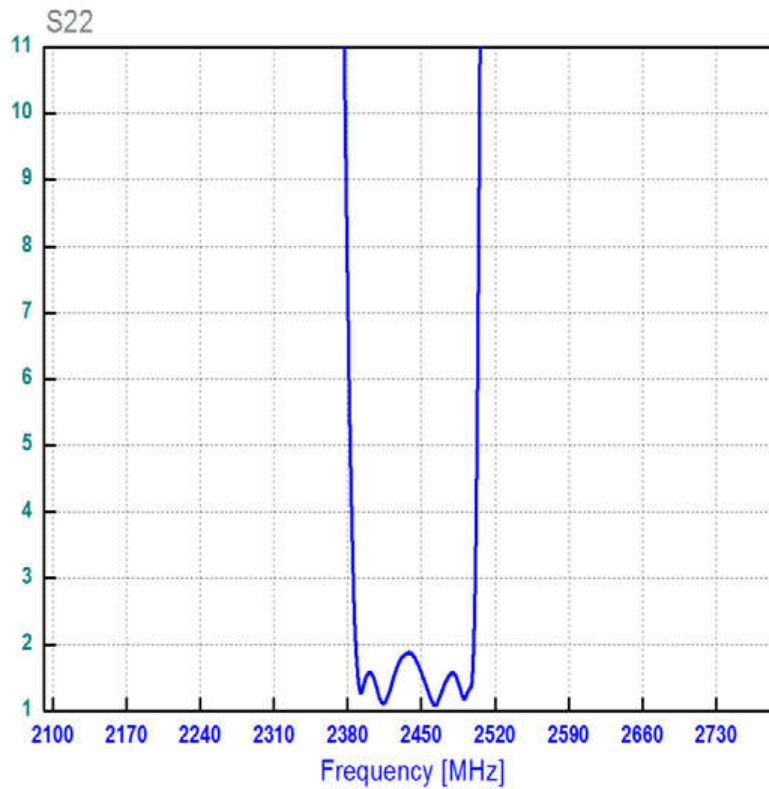
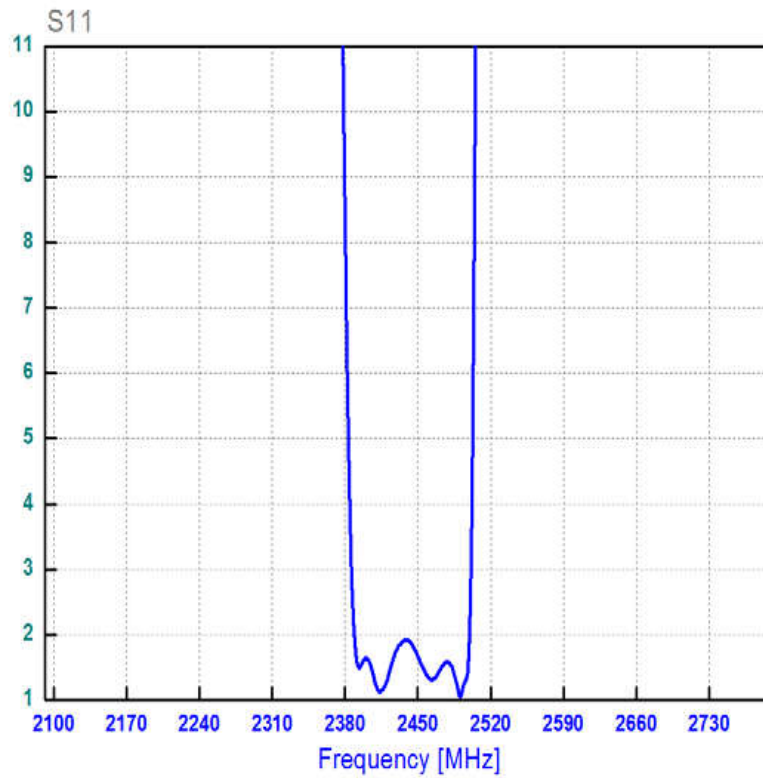


**Frequency Characteristics**

**Frequency Response**

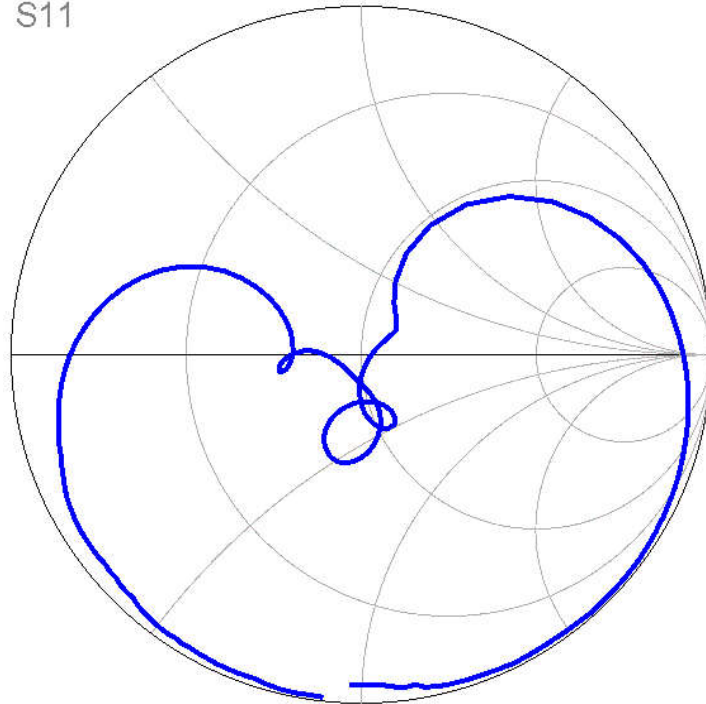


**VSWR**

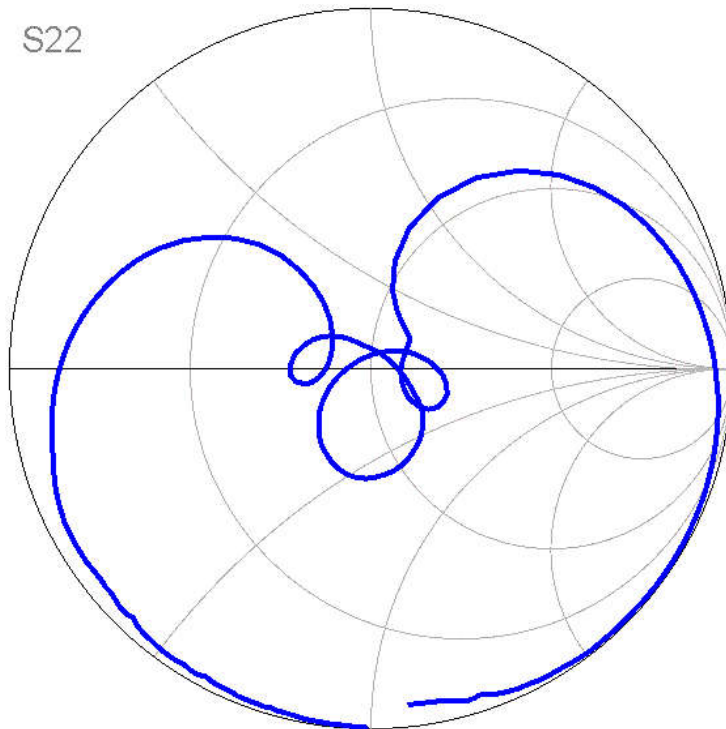


**Smith Chart**

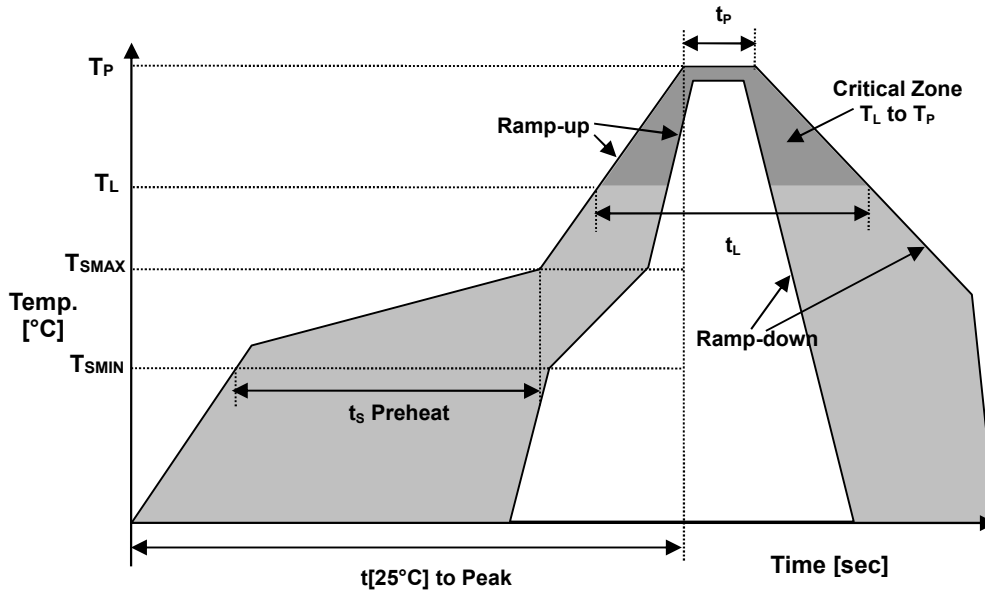
S11



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