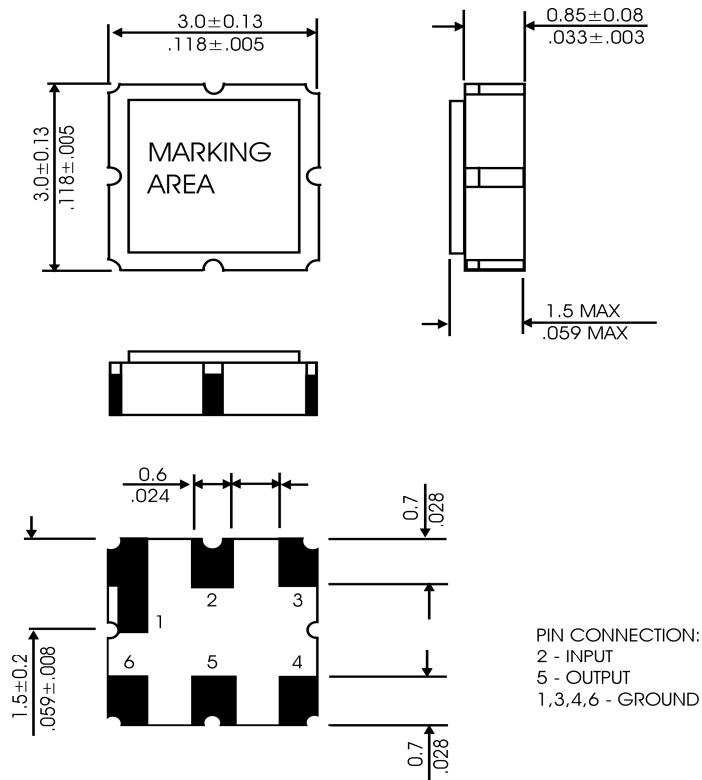


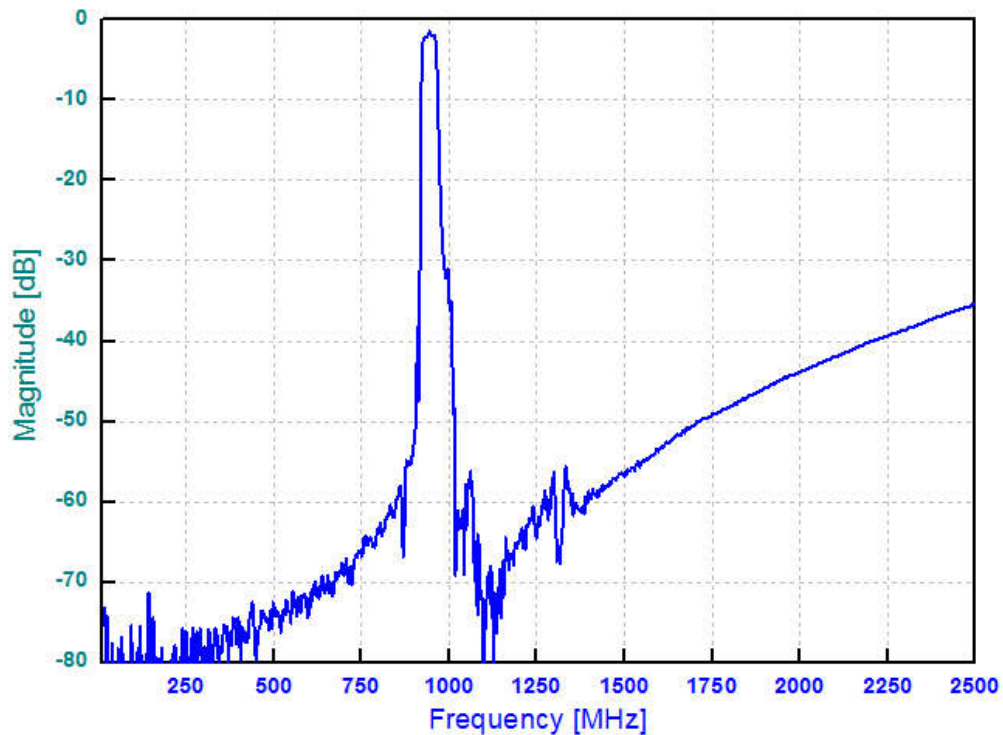
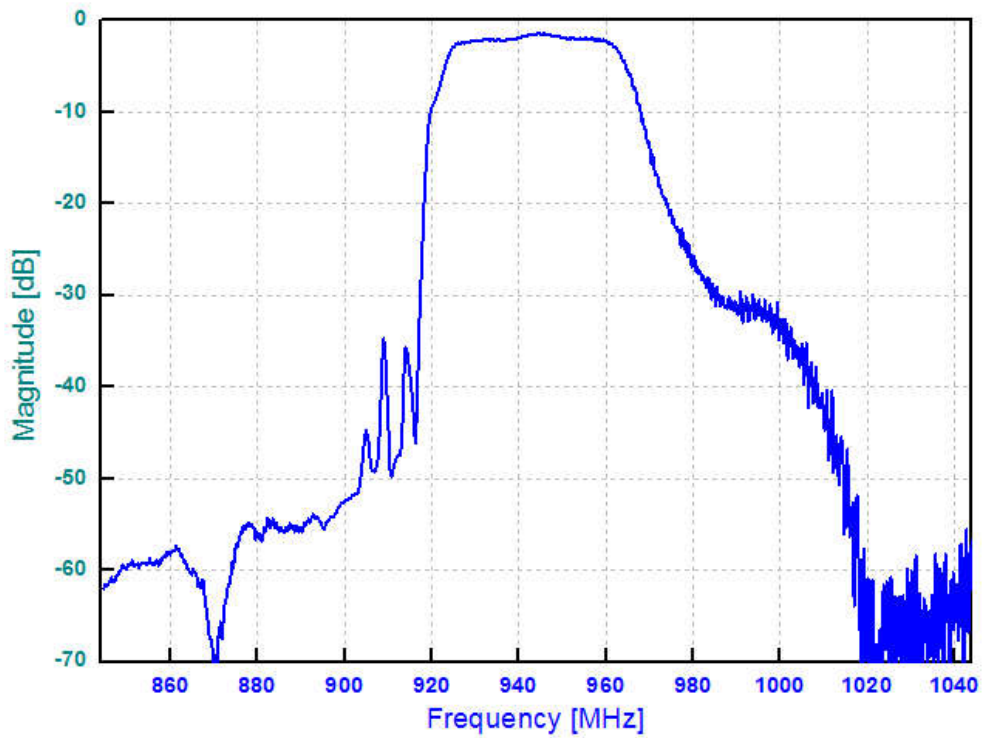
Items	Specification	Unit	
Center frequency (Fo)	944.000	MHz	
Bandwidth	32000	KHz	
Insertion Loss in BW	4.0	dB Max	
Amplitude Variation in BW	2.0	dB Max	
VSWR in BW	2.3	--	
Absolute Attenuation	10 MHz ~ 650 MHz	50	dB min
	650 MHz ~ 890 MHz	45	dB min
	904 MHz ~ 914 MHz	25	dB min
	980 MHz ~ 1000 MHz	20	dB min
	1000 MHz ~ 1650 MHz	30	dB min
	1650 MHz ~ 1900 MHz	33	dB min
	1900 MHz ~ 2500 MHz	25	dB min
RF Power	+15 dBm Max		
DC Voltage	6 V Max		
In/Out Impedance	50 Ω		
Operation Temperature	-40°C to +85°C		
Storage Temperature	-40°C to +85°C		

### Dimension



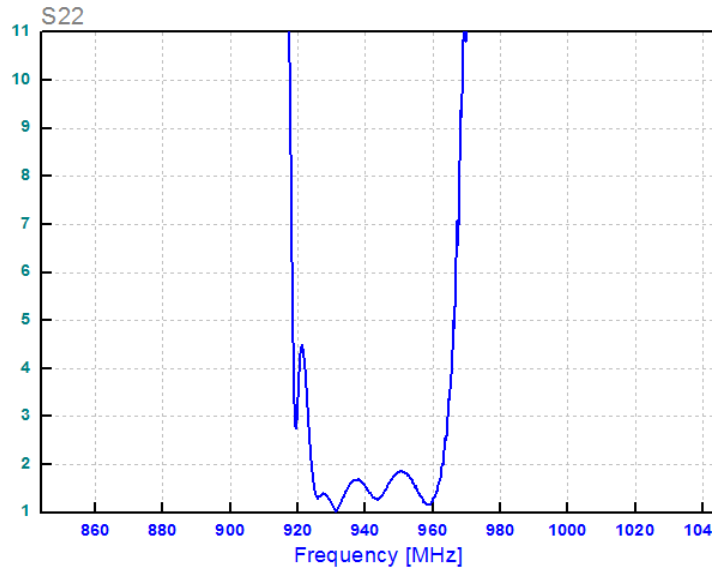
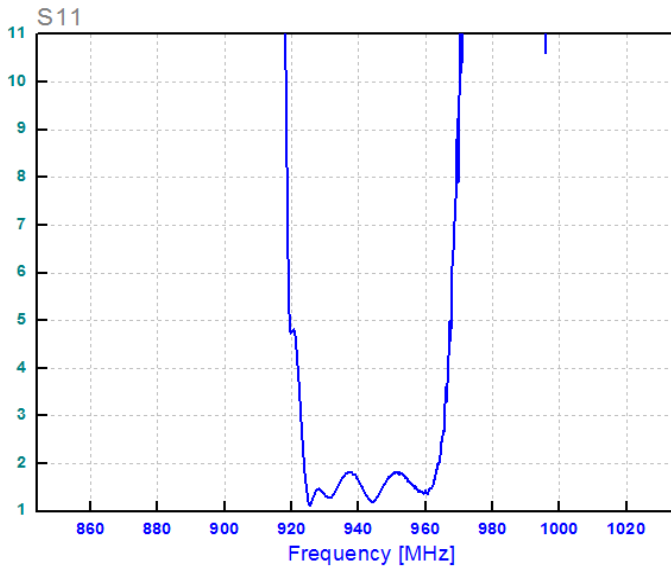
### Frequency Characteristics

#### Frequency Response

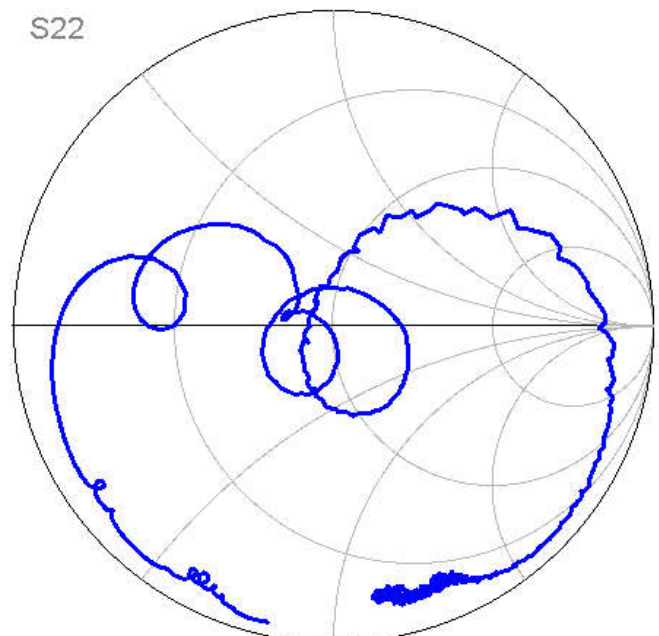
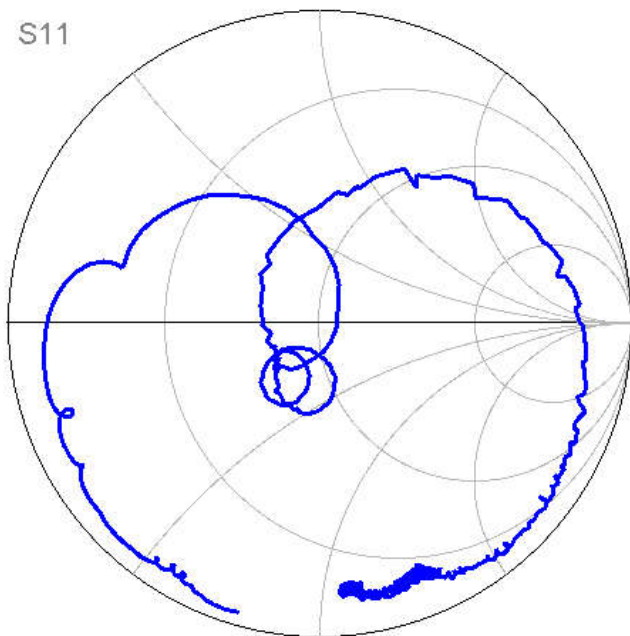


### Frequency Characteristics (Continued)

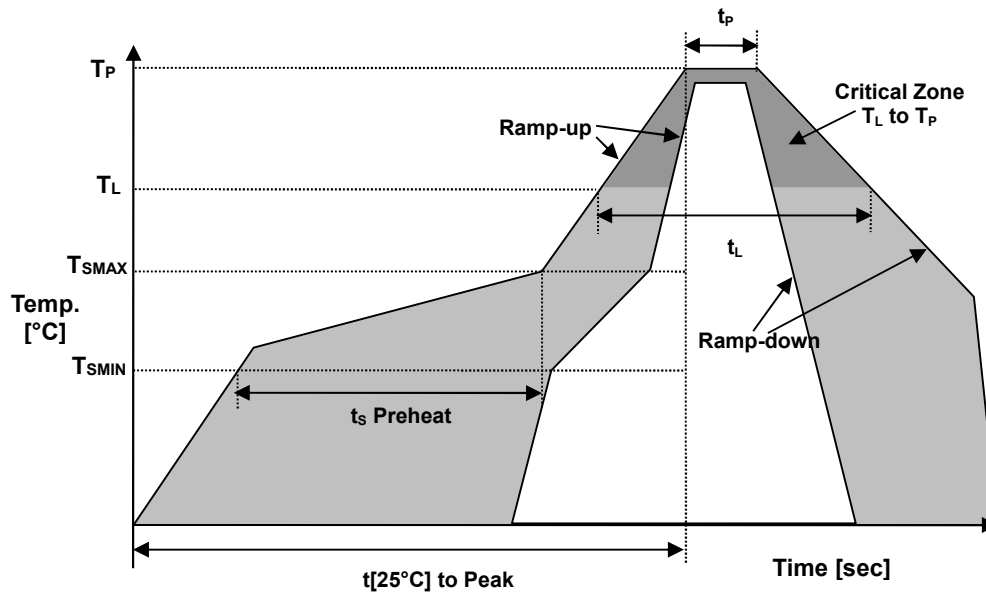
#### VSWR



#### Smith Chart



### 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