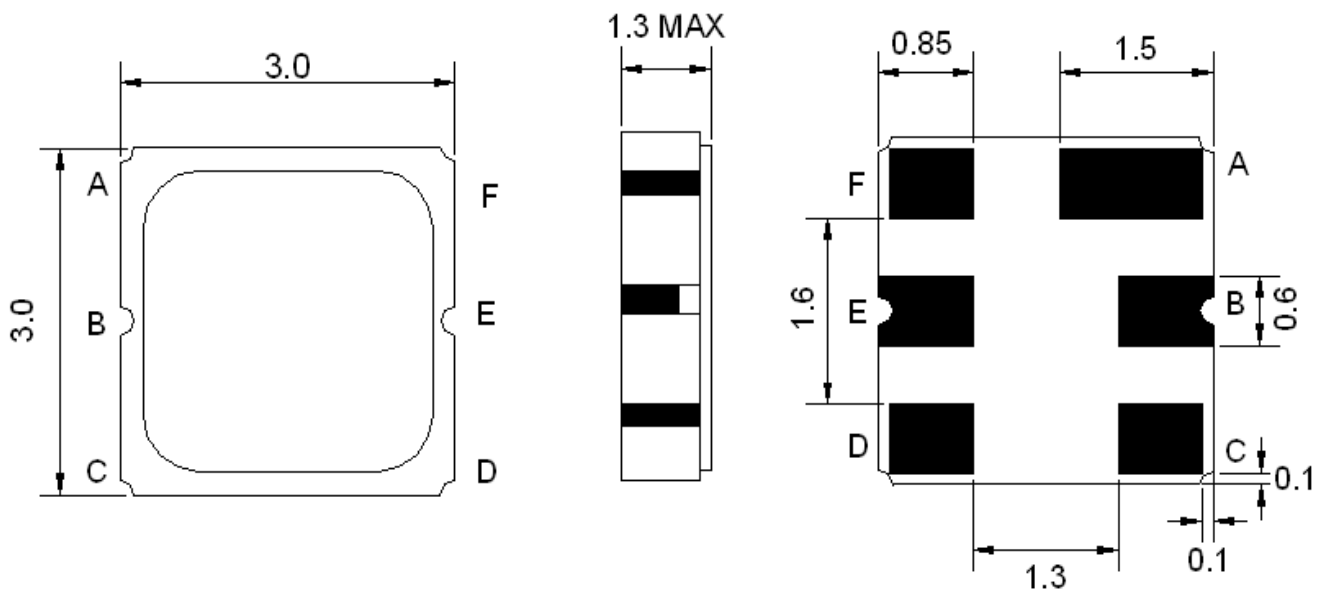


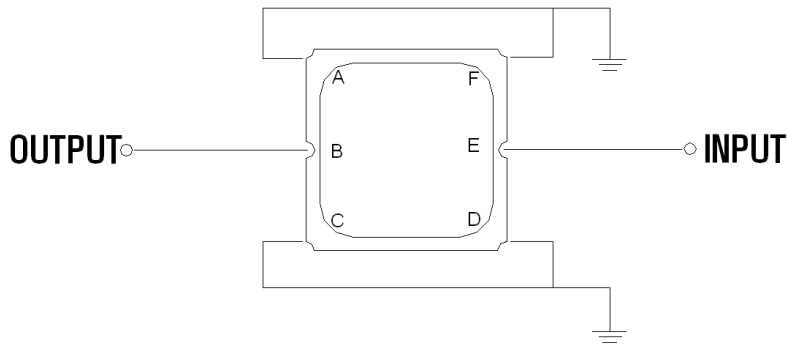
Items	Specification	Unit
Center frequency(Fo)	915.00	MHz
Bandwidth	26000	KHz
Insertion Loss in BW	3.0	dB max
Amplitude Ripple in BW	1.5	dB _{p-p} max
VSWR in BW	2.0	dB max
Attenuation	DC ~ 800 MHz	50
	800 ~ 845 MHz	50
	845 ~ 880 MHz	45
	950 ~ 990 MHz	26
	990 ~ 1200 MHz	50
	1200 ~ 2000 MHz	30
In/Out Impedance	50 Ω	
Input power Maximum	20 dBm	
Operation Temperature	-30°C to +65°C	
Storage Temperature	-40°C to +85°C	

Dimension

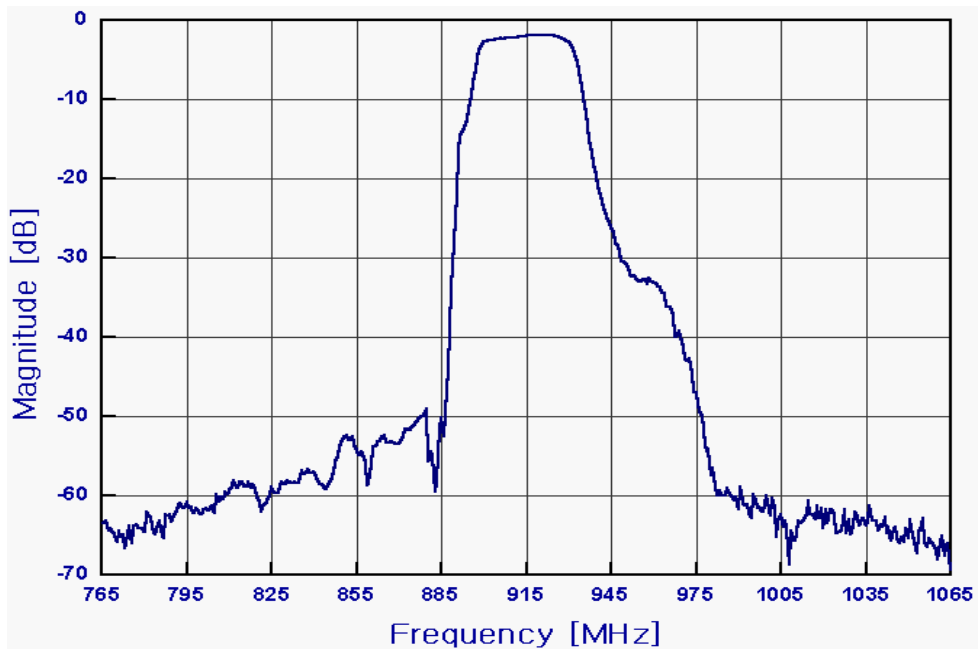


Pin Description	
A, C, D, F	Ground
E	In
B	Out

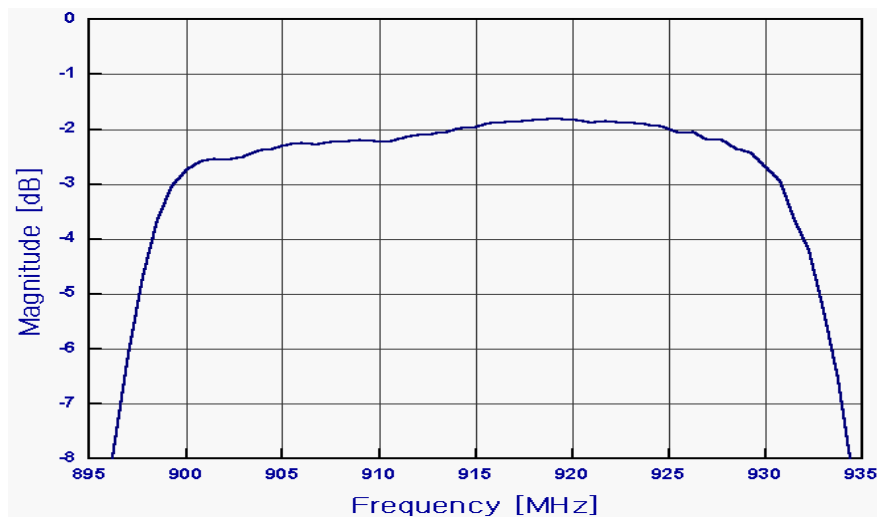
Testing

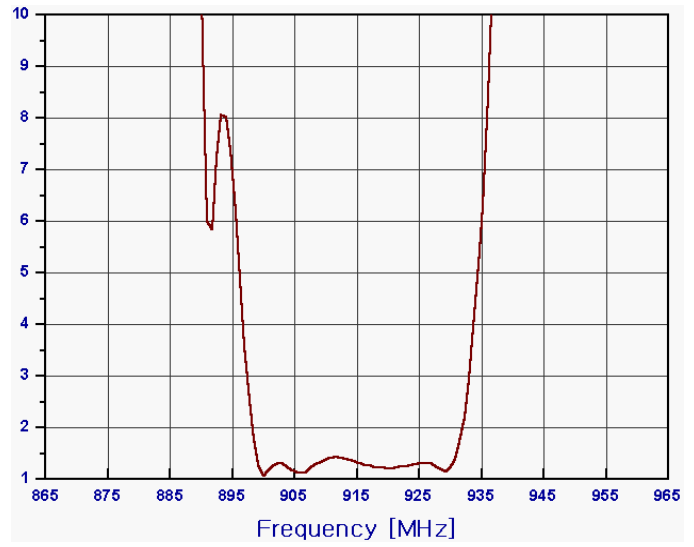
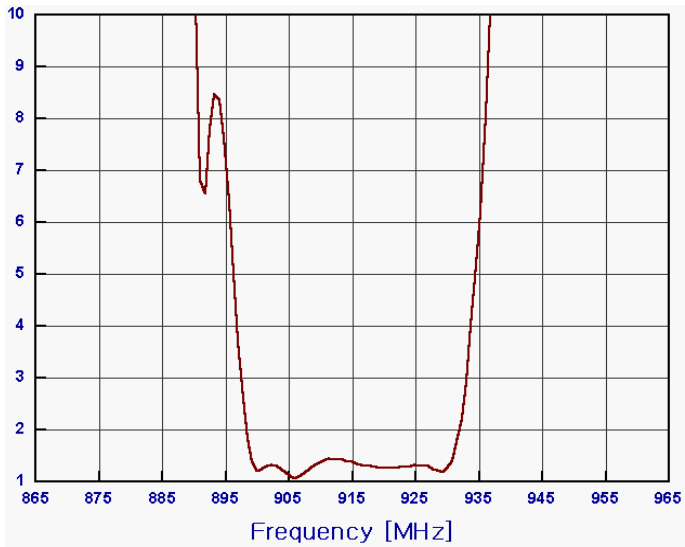


Frequency Characteristics

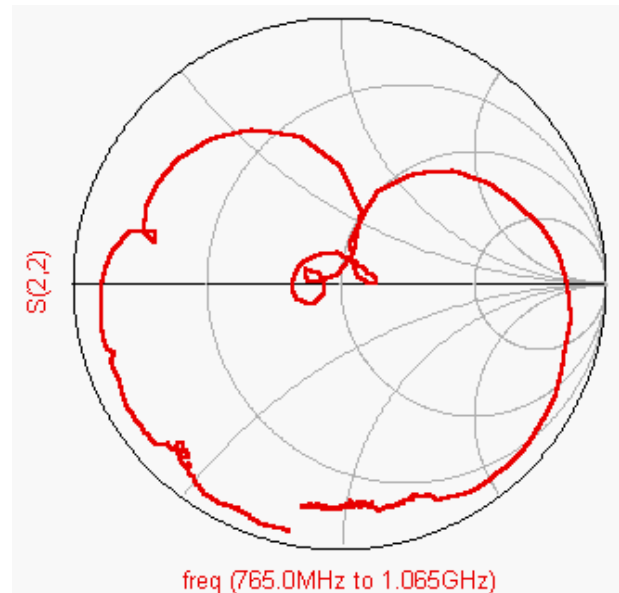
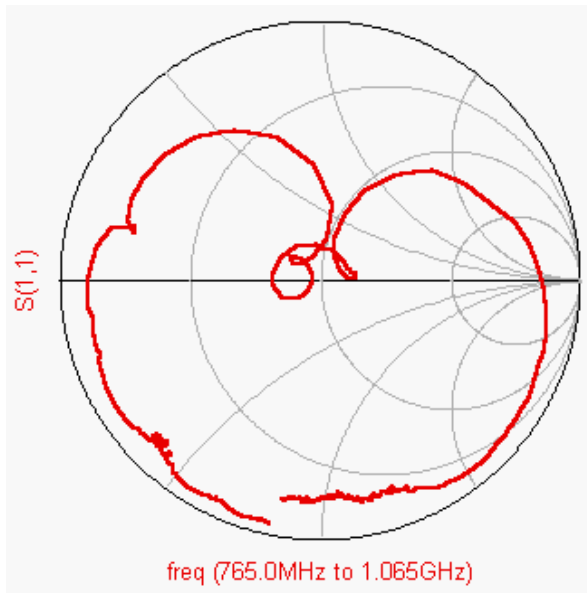


VSWR

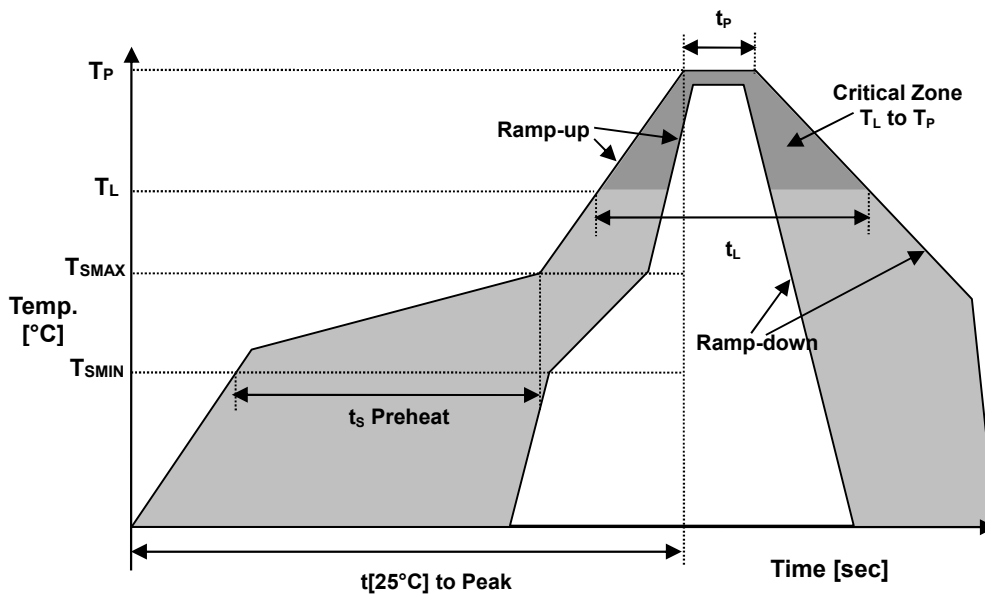




SMITH CHART



● 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