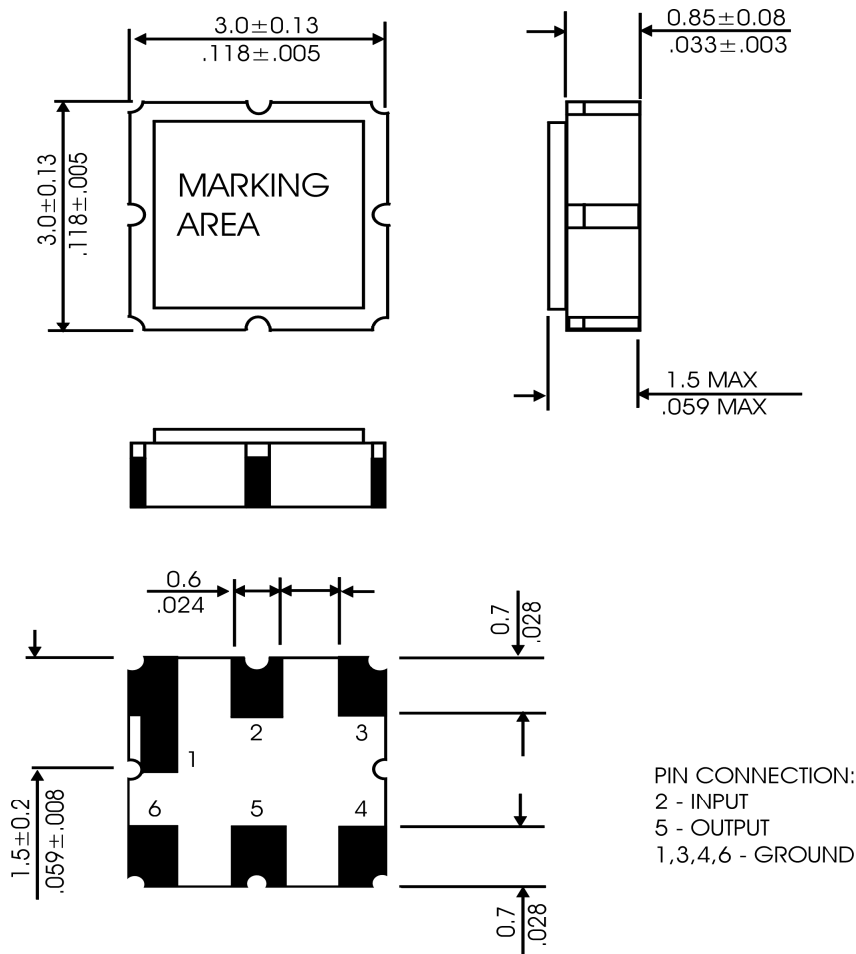


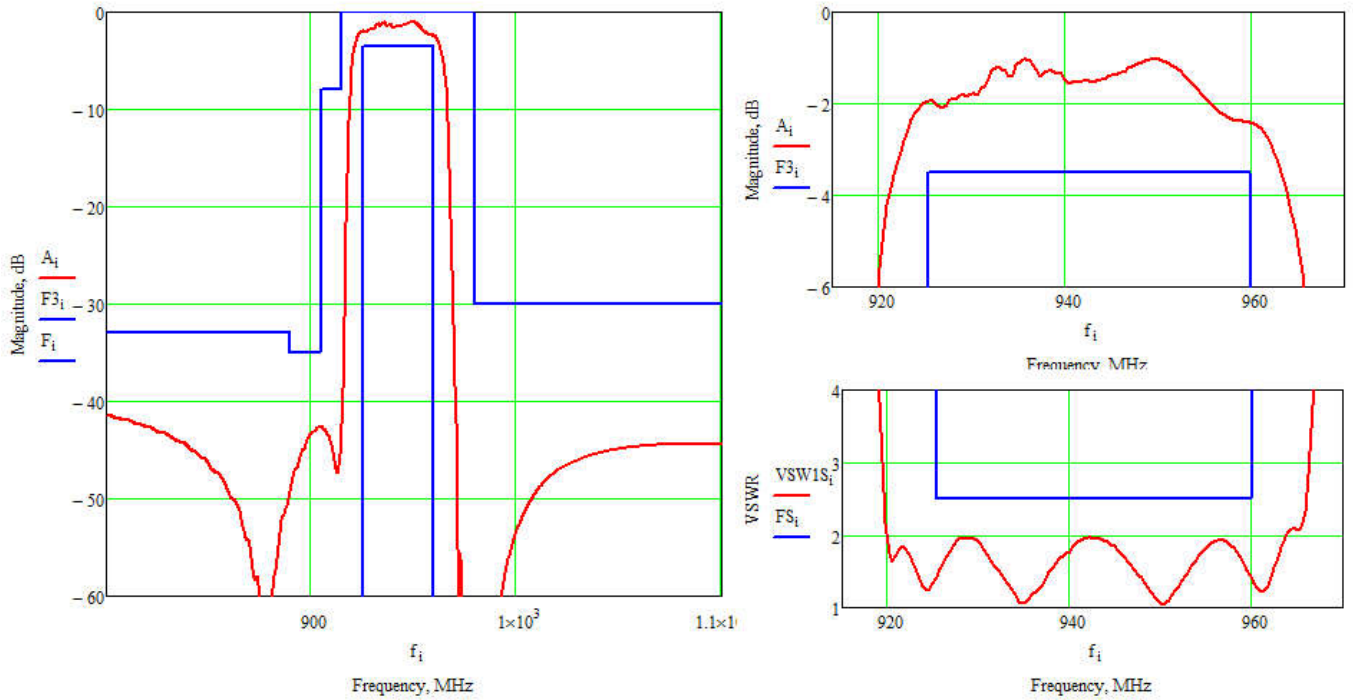
Items	Specification	Unit	
Center frequency (Fo)	942.500	MHz	
Bandwidth	35000	kHz	
Insertion Loss in BW	3.5	dB Max	
Passband Ripple	1.9	dB Max	
VSWR, Max in BW	2.0	--	
Absolute Attenuation	DC ~ 880 MHz	40	dB min
	880 MHz ~ 905 MHz	30	dB min
	905 MHz ~ 915 MHz	- (8 dB typical)	-
	980 MHz ~ 3000 MHz	25	dB min
RF Power	10 dBm Max		
DC Voltage	10 V Max		
In/Out Impedance	50 Ω		
Operation Temperature	-30°C to +85°C	↔	
Storage Temperature	-40°C to +85°C		

### Dimension

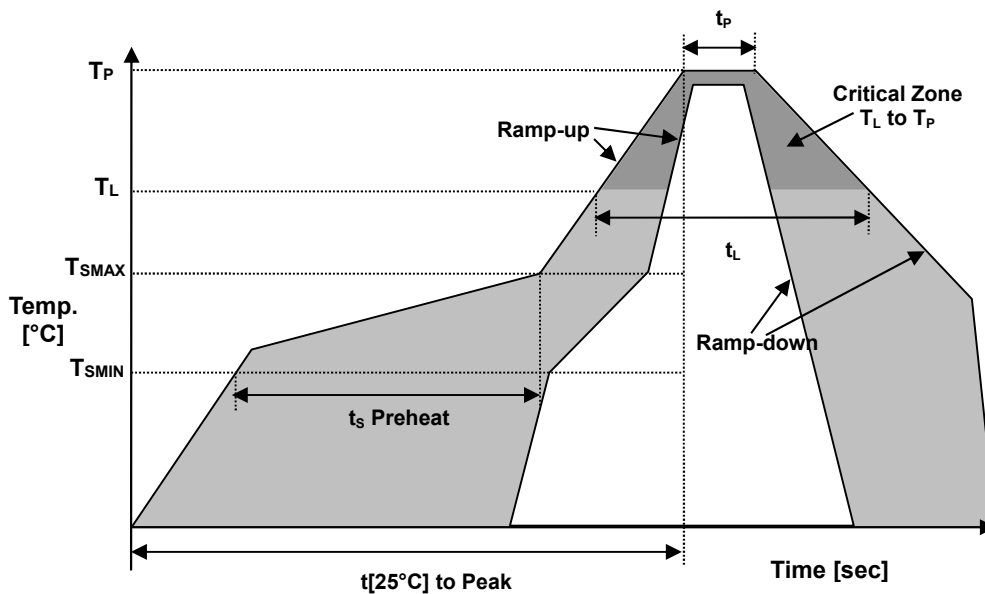


### Frequency Characteristics

#### Frequency Response



#### REFLOW PROFILE



Reflow profile		
Temperature Min Preheat	T <sub>SMIN</sub>	150°C
Temperature Max Preheat	T <sub>SMAX</sub>	200°C
Time (T <sub>SMIN</sub> to T <sub>SMAX</sub> )	t <sub>S</sub>	60-180 sec.
Temperature	T <sub>L</sub>	217°C
Peak Temperature	T <sub>P</sub>	260°C
Ramp-up rate	R <sub>UP</sub>	3°C/sec max.
Ramp-down rate	R <sub>DOWN</sub>	6°C/sec max.
Time within 5°C of Peak Temperature	t <sub>P</sub>	10 sec.
Time t[25°C] to Peak Temperature	t[25°C] to Peak	480 sec.
Time	t <sub>L</sub>	60-150 sec.

## Environmental

PARAMETER	VALUE
MOISTURE SENSITIVITY LEVEL	1
REACH – SVHC	Compliant
RoHS 2	6/6

April 2016