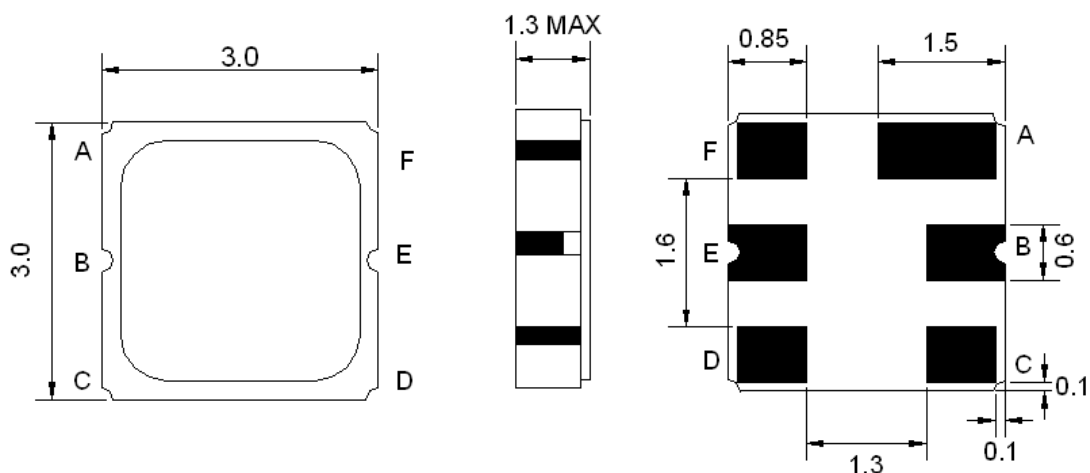


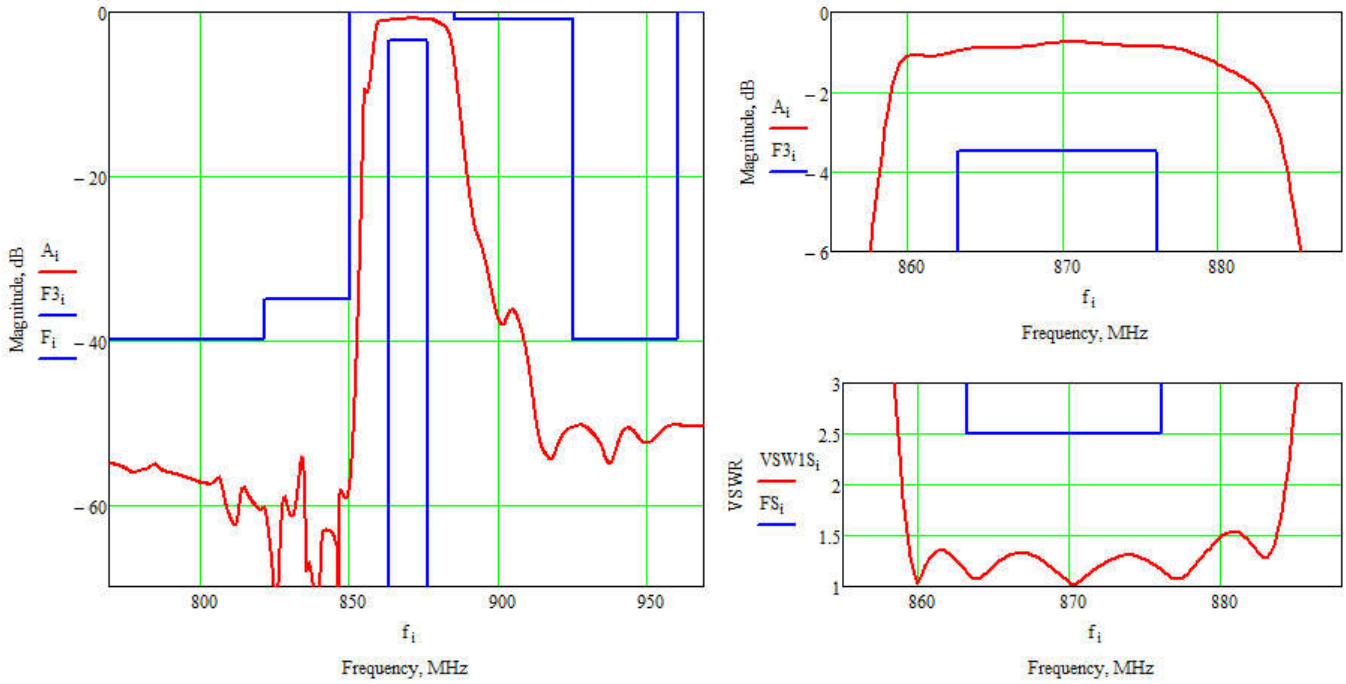
Items	Specification	Unit
Center frequency(Fo)	869.500	MHz
Bandwidth	8000	kHz
Insertion Loss in BW	3.5	dB max
Amplitude Ripple in BW	1.5	dB max
Attenuation	50 MHz ~ 791 MHz	40
	791 MHz ~ 821 MHz	40
	821 MHz ~ 850 MHz	35
	885 MHz ~ 925 MHz	1
	925 MHz ~ 960 MHz	40
	960 MHz ~ 2000 MHz	30
	2000 MHz ~ 3000 MHz	20
VSWR within BW, Maximum	2.5	
In/Out Impedance	50 Ω	
Input power, Maximum	15 dBm	
DC Voltage, Maximum	0 V	
Operation Temperature	-40°C to +85°C	
Guaranteed Performance Temperature	-20°C to +70°C	
Storage Temperature	-45°C to +85°C	

### Dimension

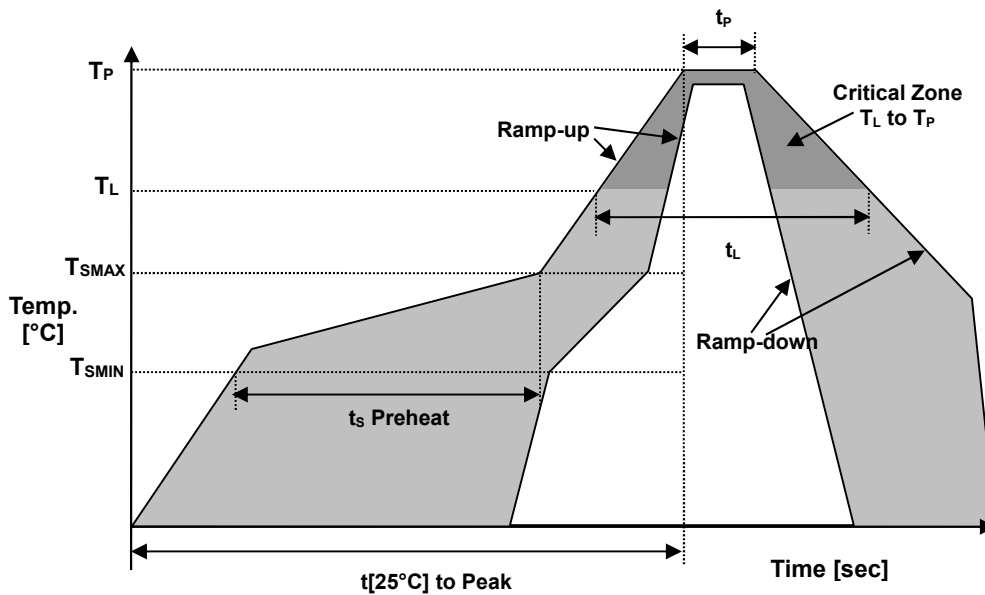


Pin Description	
A, C, D, F	Ground
E	In
B	Out

**Frequency Characteristics**



● **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
RoHS-2	6/6 COMPLIANT & LEAD FREE
REACH SVHC	COMPLIANT
HALOGEN-FREE	COMPLIANT
ESD CLASSIFICATION LEVEL	N/A
TERMINATION FINISH	Au



April 2016