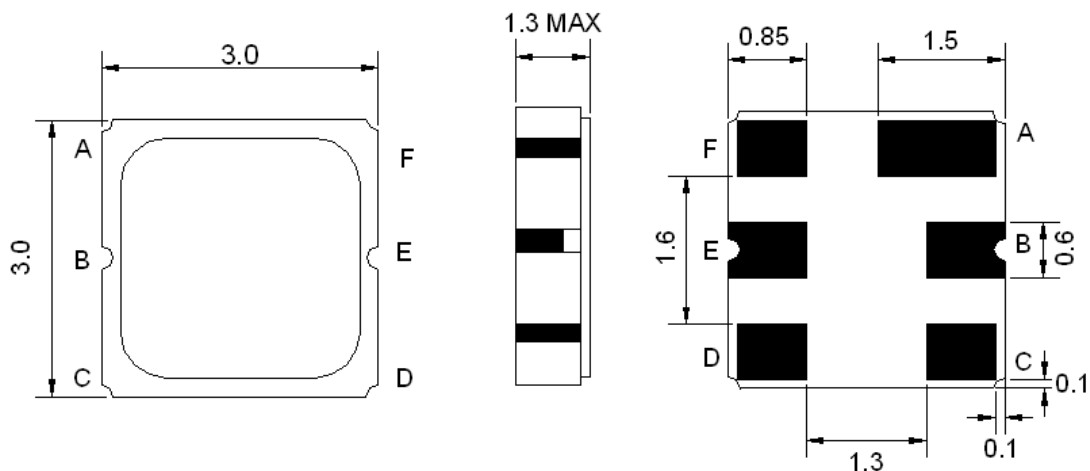


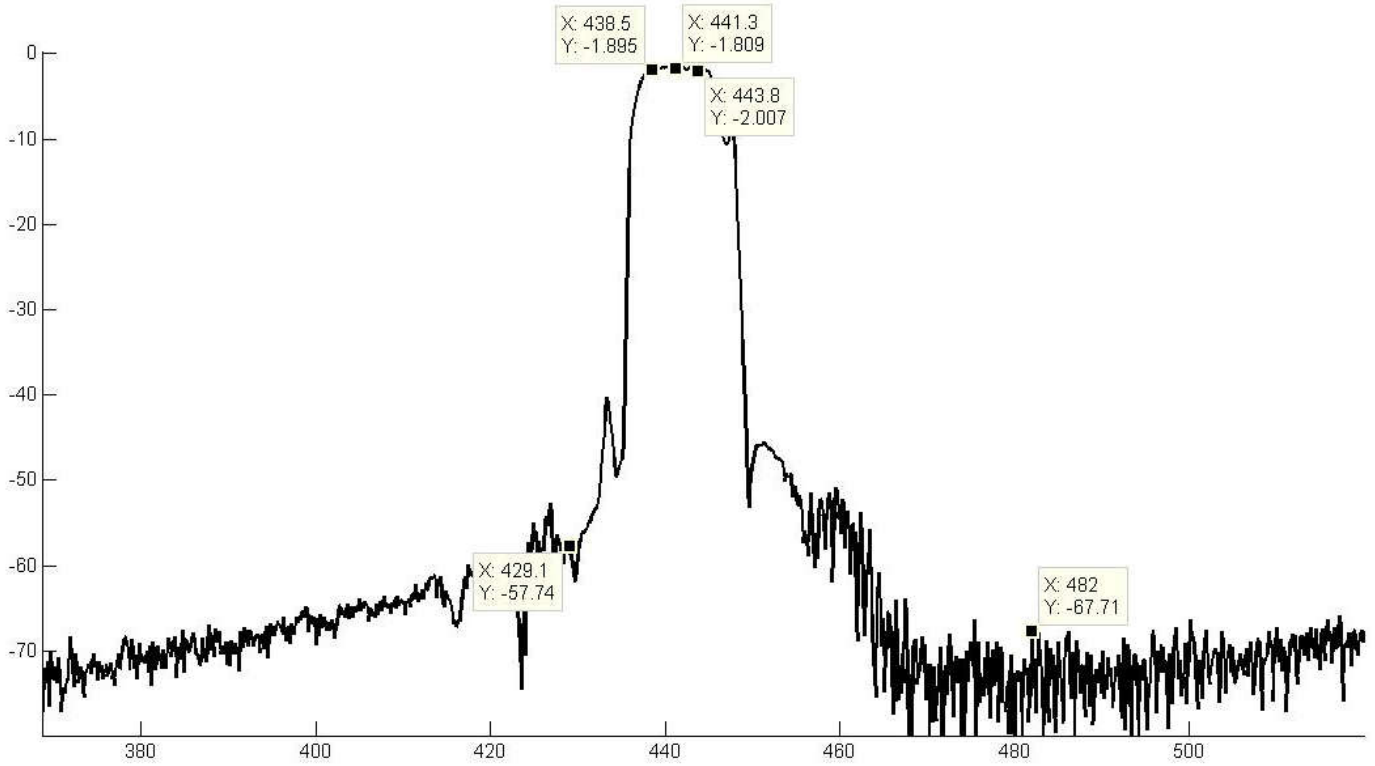
Items	Specification	Unit
Center frequency (Fo)	441.265	MHz
Insertion Loss (438.765 ~ 443.765), typ/max	2.0 / 3.0	dB
Amplitude Ripple (438.765 ~ 443.765), typ/max	0.5 / 1.5	dB
VSWR (438.765 ~ 443.765), typ/max	1.5 / 2.0	-
Attenuation min/typ	DC ~ 385 MHz	-45 / -70
	385 MHz ~ 394 MHz	-45 / -65
	394 MHz ~ 429 MHz	-40 / -52
	482 MHz ~ 500 MHz	-45 / -60
	500 MHz ~ 550 MHz	-45 / -60
In/Out Impedance	50	Ω
Input Power, max	15	dBm
Operation Temperature	-40 to +85	$^{\circ}\text{C}$
Storage Temperature	-40 to +85	$^{\circ}\text{C}$

Dimension

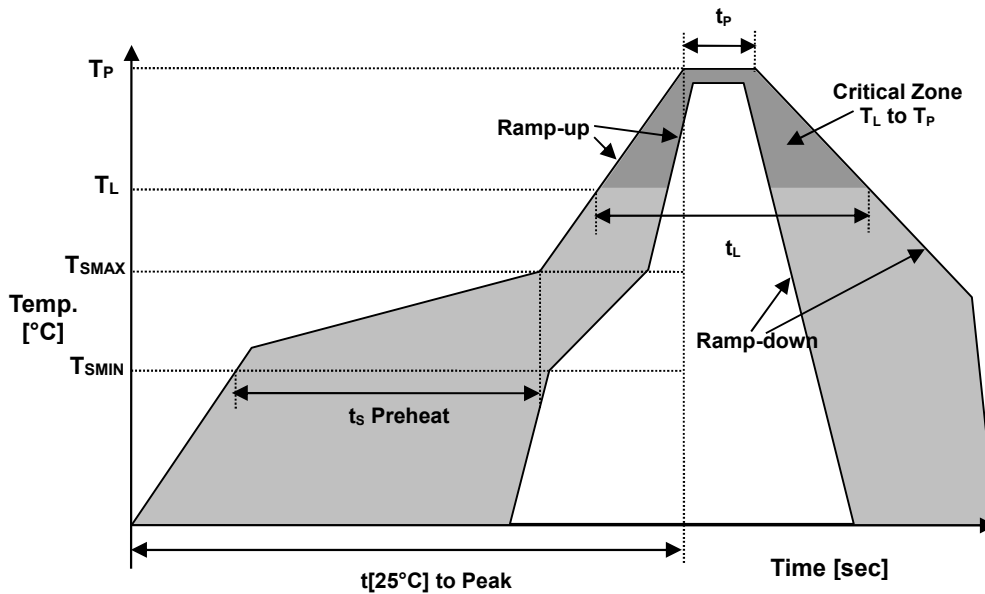


Pin Description	
A, C, D, F	Ground
B	In
E	Out

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°C] to Peak Temperature	t[25°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