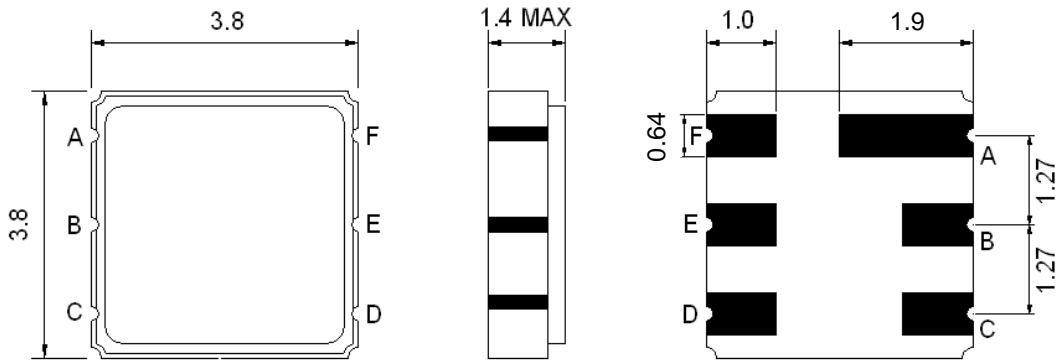


- Low-loss, compact, and economical SAW filter
- Ceramic package for Surface Mounted Technology (SMT)
- Lead-free production and RoHS compliant

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-10	-	+60
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	12
Maximum Input Power	dBm	-	-	10
Source Impedance	Ω	-	50	-
Load Impedance	Ω	-	50	-
Length x Width	mm <sup>2</sup>	-	3.8 x 3.8	-
Height	mm	-	-	1.4

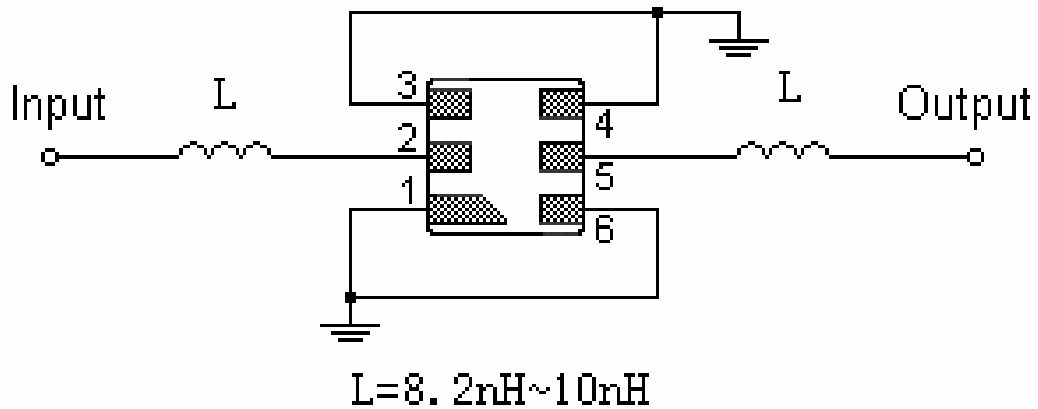
ELECTRICAL SPECIFICATION					
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM	
Center Frequency (Fo) (center frequency between 3dB points)	MHz		868.300		
Insertion Loss	dB	-	2.5	3.8	
3dB Pass Band	kHz	800	900	1050	
Rejection	at $f_c$ -21.4 MHz (Image)	dB	40	45	-
	at $f_c$ -10.7 MHz (LO)		30	40	-
	Ultimate		-	50	-
Temperature	Turnover Temperature	°C	0		30
	Turnover Frequency	MHz		$f_c$	
	Frequency Temperature Coefficient	ppm/°C <sup>2</sup>		0.032	
Frequency Aging Absolute Value during the First Year	ppm/yr		10		

## Package Dimensions



Pin Description	
A, C, D, F	Ground
B	Input / Output
E	Output / Input

## Testing Environment



- The element inductance value may vary according to PCB layout.

**Frequency Characteristics**

