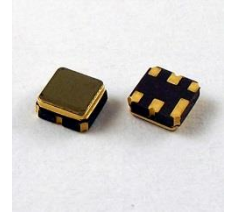


- Low-loss RF SAW filter
- High Rejection
- Single Ended Operation at 50Ω without Matching
- Ceramic package for Surface Mounted Technology (SMT)
- Lead-free production and RoHS compliant

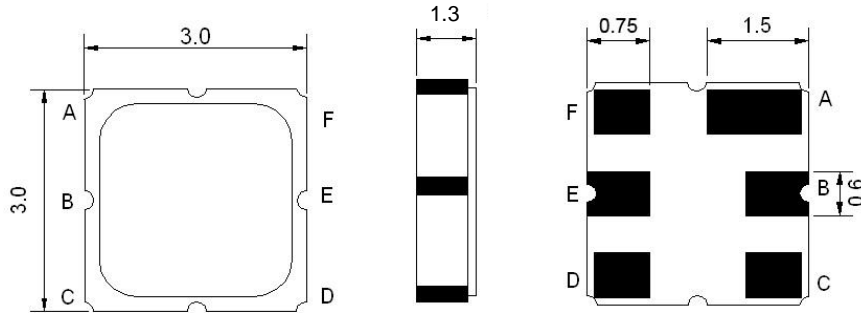


## Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-40	-	+85
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V <sub>DC</sub>			0
Maximum RF Power	dBm			15
Maximum ESD Voltage	V <sub>ESD</sub>			150
Source Impedance	Ω	-	50	-
Load Impedance	Ω	-	50	-
Length x Width	mm <sup>2</sup>	-	3.0 x 3.0	-
Height	mm	-	-	1.3

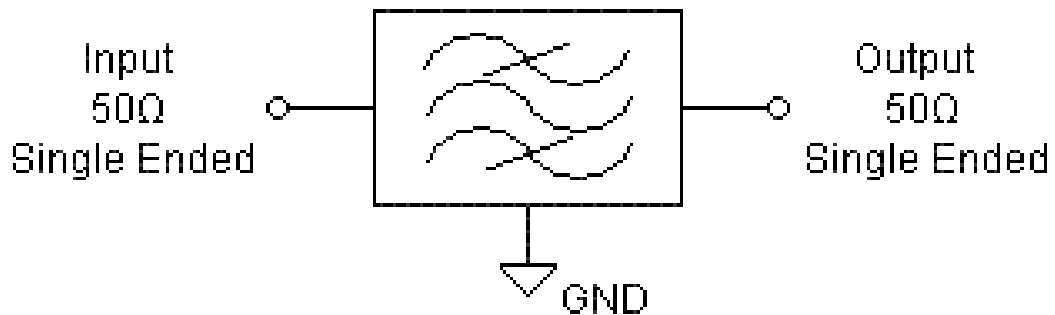
ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	781.5	-
Insertion Loss @ 776.00 ~ 787.00MHz	dB		1.8	2.5
Ripple @ 776.00 ~ 787.00MHz	nS		0.6	1.0
<b>Absolute Attenuation:</b>				
0.30 ~ 650.00 MHz	dB	35	38	
650.00 ~ 733.00 MHz	dB	35	38	
733.00 ~ 757.00 MHz	dB	40	45	
806.00 ~ 824.00 MHz	dB	40	48	
824.00 ~ 2000.00 MHz	dB	35	42	
Input VSWR @ 776.00 ~ 787.00MHz				2.0:1
Output VSWR @ 776.00 ~ 787.00MHz				2.0:1

## Package Dimensions



Pin Description	
B	Input
E	Output
A, C, D, F	Case Ground
A, C, D, F	To be Grounded

## Testing Environment



50Ω / 50Ω Configuration

## Frequency Characteristics

