



## UE 468 Series SAW Filter Technical Specification

**UE**  
**468**

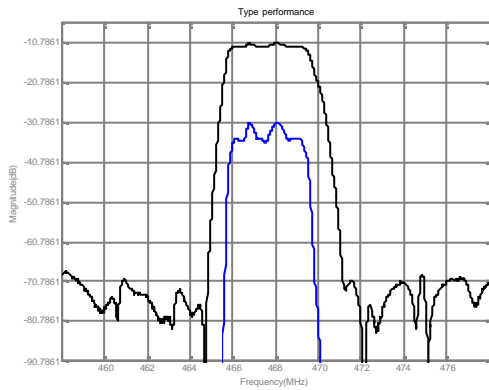
### Absolute Maximum Rating

Rating	Value
CW RF power Dissipation	+10dBm
DC Voltage between any 2 pins	± 30VDC
Operating Temperature	-10 to +50°C

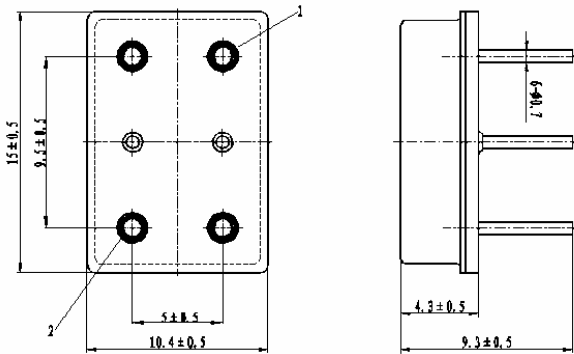
### Electrical Characteristic

Characteristic	Unit	Minimum	Typical	Maximum
Center Frequency ( $f_0$ )	MHz	467.7	468	468.3
2dB Bandwidth	MHz	3.00	3.65	
40dB Bandwidth	MHz		5.78	6.0
50dB Bandwidth	MHz		6.09	-
Insertion Loss	dB		10.05	14
Amplitude Ripple	dB		1.2	2.0
Ultimate Rejection	dB	50	55	
Ambient Temperature	°C		25	
Package	SC16(15.0×10.4×4.3mm <sup>3</sup> )			
Substrate Material	36-LiTaO <sub>3</sub>			

### Frequency Response

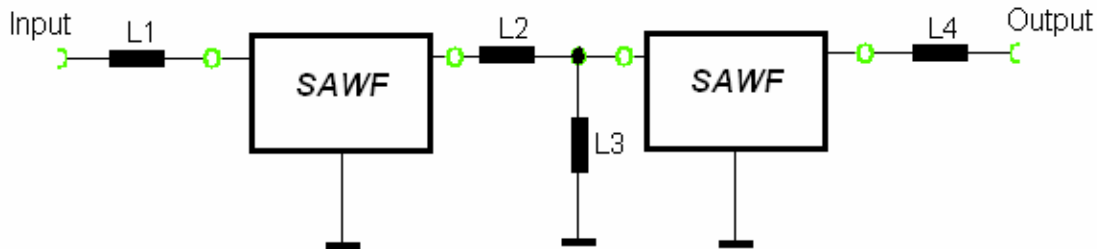


### Package Outline



1- input, 2-output and others is grounding

### Matching Configuration



$$L1=L2=L4=12\text{nH} \quad L3=33\text{nH}$$