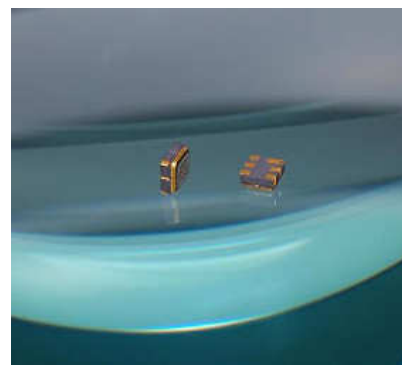


1575.42 MHz SAW Filter  
 Bandwidth 20 MHz

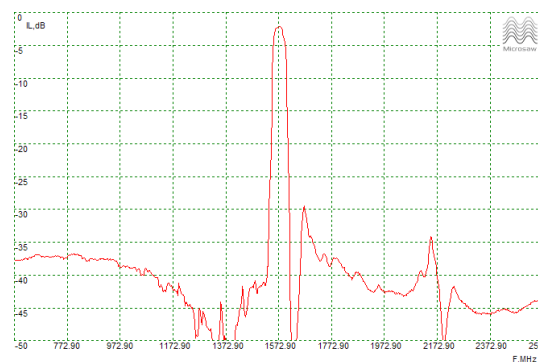
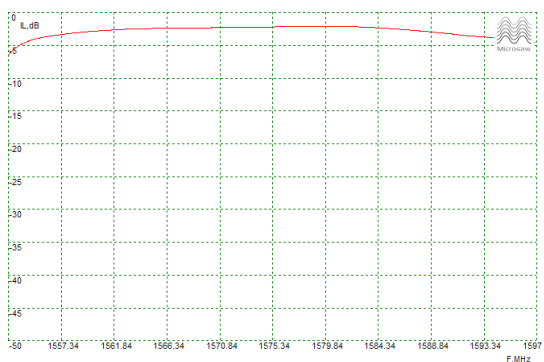
**Features**

- Low Loss
- Small package
- High selectivity
- Low cost



PRELIMINARY DATA

**Typical Performance**



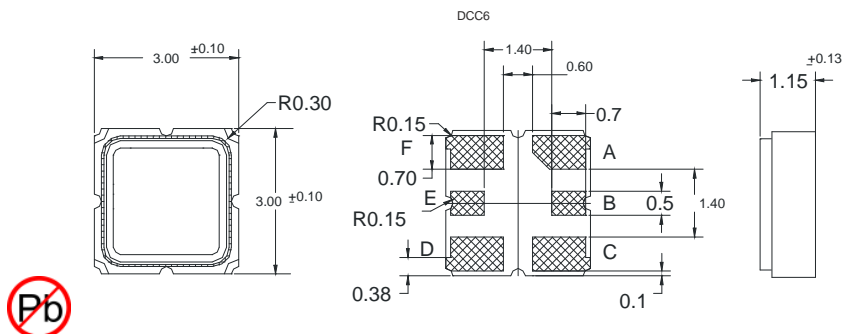
**Electrical Specification**

Parameter	Unit	Min	Typ	Max
Center frequency	MHz	1573.42	1575.42	1577.42
IL	dB	1.8	2.0	2.2
Bandwidth @-0.5 dB	dB	8	20	-
Bandwidth @-37 dB	dB	-	77	-
Ultimate rejection	dB	-	50	-

**Notes**

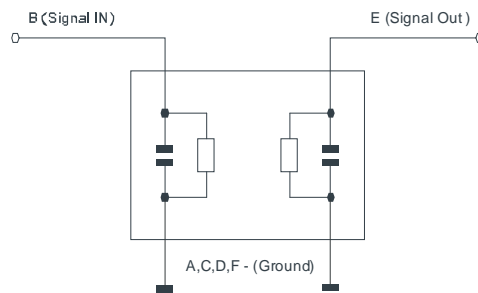
Microsaw reserves the right to make changes to the product and corresponding product specifications without notice. All data is valid for measurements in Microsaw test fixture under Measurement conditions: Ambient temperature 22 C deg, Input Power 0dBm, Input/Output impedance 50 Ohm.

**Package**



## Matching Circuit

$Z_{in}=Z_{out}=50\ \Omega$   
No matching required



## Additional Information

Temperature Range -55.. + 85 C  
Substrate 36LTO  
Package DCC6  
Complies with Directive 2002/95/EC (RoHS)

## Important Warnings

Electric Sensitive Device  
See soldering chart before using  
See frequency shifts depending on temperature

## Links to Technical Information

Soldering profile: [www.microsaw.fi/pdf/soldering-chart.pdf](http://www.microsaw.fi/pdf/soldering-chart.pdf)  
Frequency shifts: [www.microsaw.fi/pdf/frequency-shifts-table.pdf](http://www.microsaw.fi/pdf/frequency-shifts-table.pdf)

## Links to Company Information

Services: [www.microsaw.fi/servicesandprices.php](http://www.microsaw.fi/servicesandprices.php)  
Contacts: [www.microsaw.fi/contacts.php](http://www.microsaw.fi/contacts.php)