

57 MHz SAW Filter
 Bandwidth 0.8 MHz

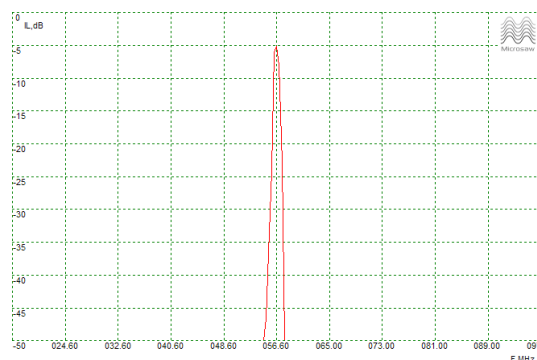
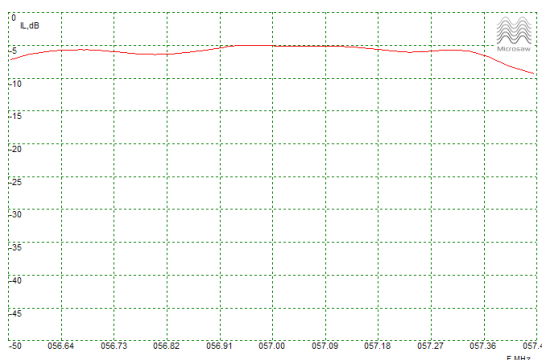
Features

- Low Loss
- Small package
- High stability



PRELIMINARY DATA

Typical Performance



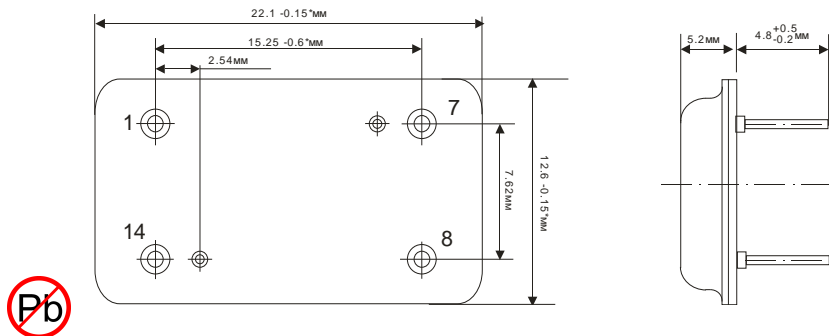
Electrical Specification

Parameter	Unit	Min	Typ	Max
Central frequency	MHz	56.93	57.00	57.17
Inserted loss (unmatched)	dB	-	5.0	-
Bandwidth @-1.5 dB	MHz	-	0.8	-
Bandwidth @-45 dB	MHz	-	2.8	-
Amplitude ripple	dB	-	1.5	-
Ultimate rejection	dB	-	50	-

Notes

Microware reserves the right to make changes to the product and corresponding product specifications without notice. All data is valid for measurements in Microware's test fixture under Measurement Conditions: Ambient Temperature 22 °C, Input Power 0 dBm, Input/Output Impedance 50 Ohm.

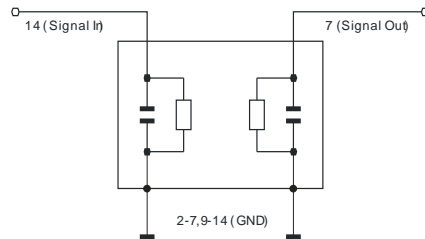
Package



Matching Circuit

$Z_{in} = Z_{out} = 50 \text{ Ohm}$

No matching required



Additional Information

Temperature range	-55.. + 85C
Substrate	128LNO
Package	DIP14
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
 Frequency shifts: www.microsaw.fi/pdf/frequency-shifts-table.pdf

Links to Company Information

Services: www.microsaw.fi/servicesandprices.php
 Contacts: www.microsaw.fi/contacts.php