

96 MHz SAW Filter
 Bandwidth 2.6 MHz

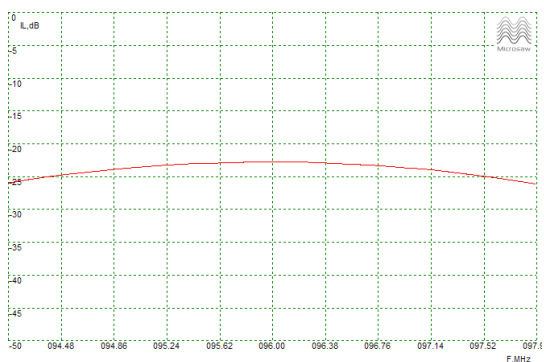
Features

- Low Loss
- SMD package
- Good impulse response



PRELIMINARY DATA

Typical Performance



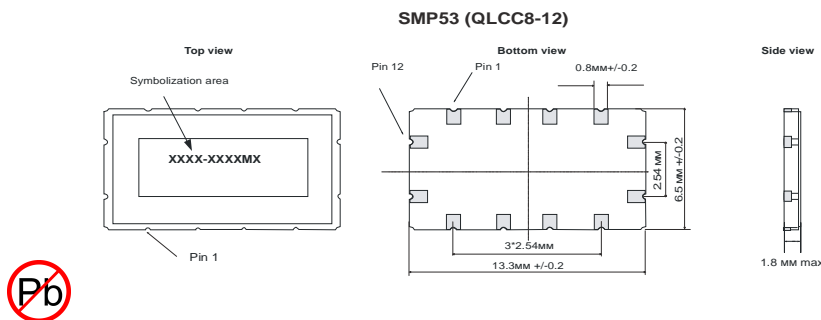
Electrical Specification

Parameter	Unit	Min	Typ	Max
Central frequency	MHz	95.9	96.0	96.1
Inserted loss (unmatched)	dB	-	23	-
Bandwidth @-1.5 dB	MHz	-	2.6	-
Bandwidth @-45 dB	MHz	-	12	-
TTS	dB	-	-60	-
Ultimate rejection	dB	-	50	-

Notes

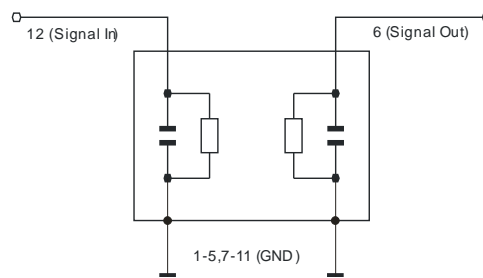
Microsaw reserves the right to make changes to the product and corresponding product specifications without notice. All data is valid for measurements in Microsaw's test fixture under Measurement Conditions: Ambient Temperature 22 °C, Input Power 0 dBm, In put/Output Impedance 50 Ohm.

Package



Matching Circuit

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



Additional Information

Temperature range -55.. + 85C
 Substrate 112LTO
 Package SMP53
 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.microware.fi/pdf/soldering-chart.pdf
 Frequency shifts: www.microware.fi/pdf/frequency-shifts-table.pdf

Links to Company Information

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