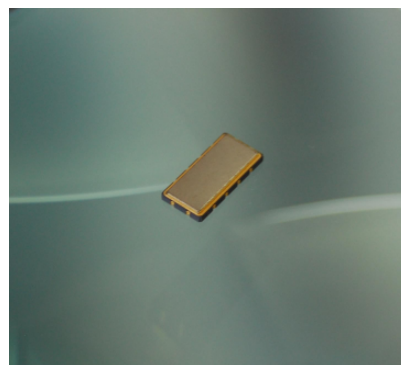


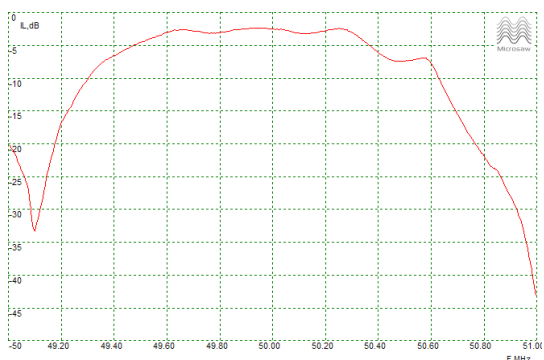
50 MHz SAW Filter
 Bandwidth 0.83 MHz

Features

- Low Loss
- SMD package
- High ultimate rejection
- Low cost



Typical Performance



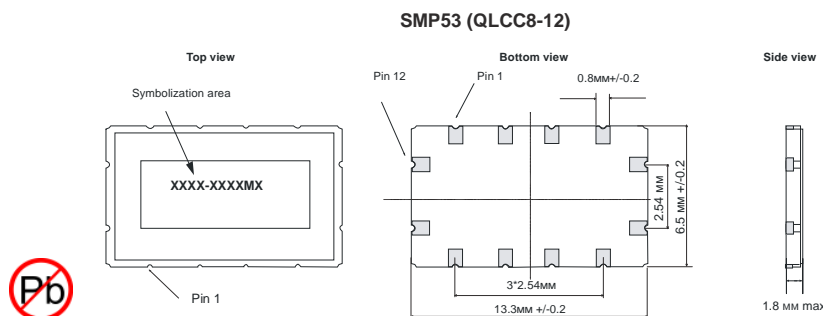
Electrical Specification

Parameter	Unit	Min	Typ	Max
Center frequency	MHz	49.9	50	50.1
IL	dB	-	2.35	3
Bandwidth @-2 dB	dB	0.8	0.83	-
Bandwidth @-40 dB	dB	-	5.5	-
Ultimate rejection	dB	-	50	-

Notes

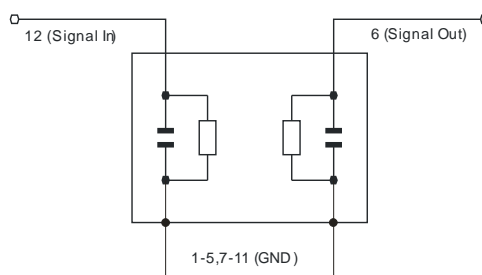
Microware reserves the right to make changes to the product and corresponding product specifications without notice. All data is valid for measurements in Microware test fixture under Measurement conditions: Ambient temperature 22 C deg, Input Power 0dBm, Input/Output impedance 50 Ohm.

Package



Matching Circuit

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



Additional Information

Temperature Range -55.. + 85 C
 Substrate 128LNO
 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.microwave.fi/pdf/soldering-chart.pdf
 Frequency shifts: www.microwave.fi/pdf/frequency-shifts-table.pdf

Links to Company Information

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