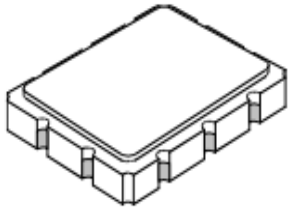
145 MHz SAW Filter

Bandwidth 2.75 MHz

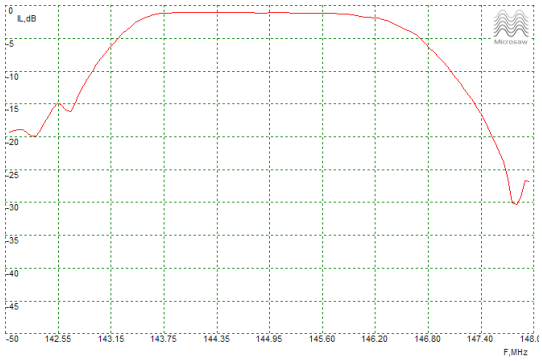
Features

Low Loss Front - End
SMD package
High stability
Good ultimate rejection



PRELIMINARY DATA

Typical Performance



Electrical Specification

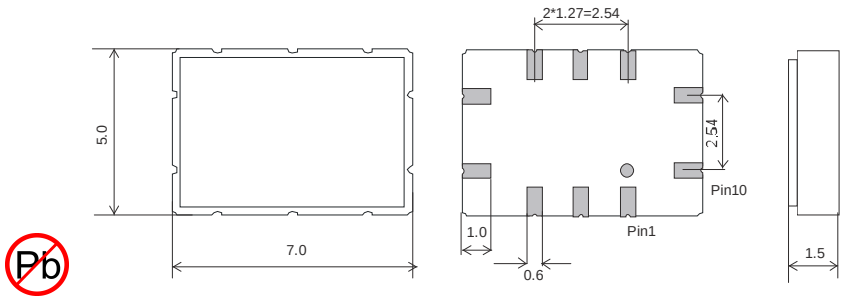
Parameter	Unit	Min	Typ	Max
Central frequency	MHz	144.75	145.00	145.25
Inserted loss (unmatched)	dB	-	1.1	-
Bandwidth @-1 dB	MHz	-	2.75	-
Bandwidth @-30 dB	MHz	-	10.9	-
Amplitude ripple	dB	-	0.5	-
Ultimate rejection	dB	-	50	-

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 ℃, Input Power 0 dBm, In put/Output Impedance 50 Ohm.

Package

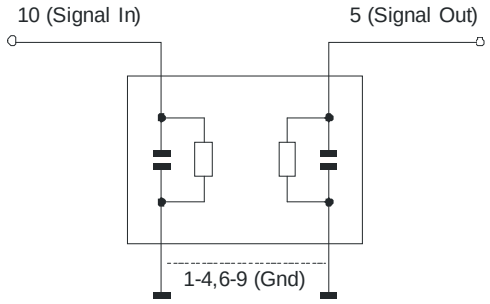
QCC12B



Matching Circuit

Zin = Zout = 50 Ohm

No matching required



Additional Information

Temperature range	-55.. + 85C
Substrate	36LTO
Package	QCC12B
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